

Natural Gas Monthly

December 2003

Energy Information Administration
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Natural Gas Publications and Databases Available Electronically

All of the natural gas publications are available electronically on the EIA website. Certain natural gas data are also provided in database formats on the web site. The table below is a guide to the major natural gas products.

Product	Format	Contents
Publications		
<i>Weekly Natural Gas Storage Report</i>	HTML	Weekly natural gas stocks and implied net changes by three regions and U.S. total
<i>Natural Gas Weekly Update</i>	HTML	Analysis of current price, supply and storage data
<i>Natural Gas Monthly</i>	PDF	Monthly supply, disposition, and price data
<i>Natural Gas Annual</i>	PDF	Annual supply, disposition, and price data
<i>Historical Natural Gas Annual</i>	PDF	Historical annual supply, disposition, and price data from 1930 - 2000
<i>U.S. Crude Oil, Natural Gas and Natural Gas Liquids Reserves</i>	PDF	Proved reserves in the United States
<i>Oil and Gas Field Code Master List</i>	PDF	Listing of U.S. oil and gas field names
<u>Databases</u>		
Monthly Data	TXT	Tables 1-6, and 9 from the <i>Natural Gas Monthly</i>
Historical Monthly Data	EXE	Consumption and price data, 1984-1994; 1995-present
Annual Data	TXT	Tables from the <i>Natural Gas Annual</i>
Historical Annual Data	TXT	Tables from the <i>Historical Natural Gas Annual</i>
<u>Applications</u>		
EIA-176 Query System	EXE	Company filings of the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"

PDF files are image files that can be viewed through Adobe Acrobat

TXT files are ASCII text. They may be replications of published tables, including table titles, column and row identification, or they may be flat files with a minimum of content description suitable for input to spreadsheets or other programs.

EXE files are executables that can be downloaded then opened. Databases are distributed as self-executing Zipped archives which spawn numerous data files and documentation. Applications are distributed as self-executing Zipped archives which initially generate numerous files and then form an application which is installed on the user's PC.

Preface

The *Natural Gas Monthly* (NGM) is prepared in the Natural Gas Division, Office of Oil and Gas, Energy Information Administration (EIA), U.S. Department of Energy (DOE), under the direction of Elizabeth Campbell.

General questions and comments regarding the NGM may be referred to Roy Kass (202) 586-4790. Specific technical questions may be referred to the appropriate persons listed in Appendix D.

The NGM highlights activities, events, and analyses of interest to public and private sector organizations associated with the natural gas industry. Volume and price data are presented each month for natural gas production, distribution, consumption, and interstate pipeline activities. Producer-related activities and underground storage data are also reported. From time to time, the NGM features articles designed to assist readers in using and interpreting natural gas information.

The data in this publication are collected on surveys conducted by the EIA to fulfill its responsibilities for gathering and reporting energy data. Some of the data are collected under the authority of the Federal Energy Regulatory Commission (FERC), an independent commission within the DOE, which has jurisdiction primarily in the regulation of electric utilities and the interstate natural gas industry. Geographic coverage is the 50 States and the District of Columbia.

Explanatory Notes supplement the information found in tables of the report. A description of the data collection surveys that support the NGM is provided in the Data Sources section. A glossary of the terms used in this report is also provided to assist readers in understanding the data presented in this publication.

All natural gas volumes are reported at a pressure base of 14.73 pounds per square inch absolute (psia) and at 60 degrees Fahrenheit. Cubic feet are converted to cubic meters by applying a factor of 0.02831685.

Common Abbreviations Used in the Natural Gas Monthly

AGA	American Gas Association	Mcf	Thousand cubic feet
Bcf	Billion cubic feet	MMBtu	Million British thermal units
Btu	British thermal unit	MMcf	Million cubic feet
DOE	U.S. Department of Energy	MMS	Minerals Management Service, U.S. Department of the Interior
EIA	Energy Information Administration, U.S. Department of Energy	OCS	Outer Continental Shelf
FERC	Federal Energy Regulatory Commission	STIFS	Short-Term Integrated Forecasting System
IOGCC	Interstate Oil and Gas Compact Commission	STEO	Short-Term Energy Outlook
LNG	Liquefied natural gas	Tcf	Trillion cubic feet

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Highlights

This issue of the *Natural Gas Monthly* (NGM) contains estimates of natural gas data through September 2003 for many data series at the national level. National-level natural gas prices are available through September 2003. State-level data generally are available through September 2003, although underground storage data are available through October 2003.

Recent analyses of the natural gas industry are available on the EIA web site, www.eia.doe.gov, under "Featured Topics" to the right side of the home page. The first two reports listed below are updated regularly. These reports are:

- *Weekly Natural Gas Storage Report* -- a weekly report containing estimates of natural gas in underground storage for the United States and three regions of the United States released each Thursday at 10:30 a.m. at the EIA Web site, except for certain weeks with Federal holidays. The report, first released on May 9, 2002, contains estimates of storage for the current and prior

week and comparisons to previous periods. Links are provided to papers describing survey Form EIA-912, "Weekly Underground Natural Gas Survey," and the estimation methodology.

- *Natural Gas Weekly Update* -- a current analysis of the industry each week, including information on natural gas spot and futures prices and storage activities. This page also provides links to numerous other EIA sites dealing with natural gas.
- *Short-Term Energy Outlook* -- projections of energy consumption, supply, and price by type of fuel, including natural gas, for the next 18 months.

Other natural gas data and analyses may be found through the "Natural Gas" section of EIA's web site. In the center section of the home page, the user should place the cursor on "By Fuel," then click on "Natural Gas" in the drop-down menu.

Table 1. Summary of Natural Gas Production in the United States, 1997-2003

(Billion Cubic Feet)

Year and Month	Gross Withdrawals	Repressuring	Nonhydrocarbon Gases Removed ^a	Vented and Flared	Marketed Production (Wet)	Extraction Loss ^b	Dry Gas Production ^c
1997 Total	24,213	3,492	599	256	19,866	964	18,902
1998 Total	24,108	3,427	617	103	19,961	938	19,024
1999 Total	23,823	3,293	615	110	19,805	973	18,832
2000 Total	24,174	3,380	505	91	20,198	1,016	19,182
2001							
January	2,101	289	39	7	1,766	82	1,685
February	1,912	277	38	8	1,588	73	1,515
March	2,139	294	42	7	1,797	83	1,714
April	2,023	271	39	8	1,705	79	1,626
May	2,061	253	39	7	1,762	81	1,681
June	2,003	258	35	6	1,703	79	1,624
July	2,035	253	42	9	1,730	80	1,650
August	2,053	264	41	7	1,742	81	1,661
September	1,992	267	38	7	1,679	78	1,602
October	2,088	288	36	7	1,755	81	1,674
November	2,004	285	35	7	1,676	78	1,599
December	2,067	297	39	6	1,725	80	1,645
Total	24,476	3,296	464	86	20,630	954	19,676
2002							
January	E2,066	E325	E35	E7	E1,698	E78	E1,620
February	E1,857	E306	E28	E6	E1,517	E70	E1,447
March	E2,077	E335	E31	E7	E1,704	E79	E1,625
April	E1,985	E314	E30	E7	E1,634	E75	E1,558
May	E2,063	E318	E32	E7	E1,706	E79	E1,628
June	E2,002	E302	E31	E7	E1,663	E77	E1,586
July	E2,040	E280	E32	E7	E1,720	E79	E1,641
August	E2,039	E298	E31	E7	E1,702	E79	E1,624
September	E1,901	E278	E30	E7	E1,586	E73	E1,513
October	E1,985	E317	E32	E7	E1,629	E75	E1,554
November	E2,010	E285	E32	E7	E1,685	E78	E1,608
December	E2,104	E340	E33	E7	E1,724	E80	E1,644
Total	E24,130	E3,699	E378	E84	E19,969	E922	E19,047
2003							
January	E2,128	E332	E33	E7	E1,756	E81	E1,675
February	E1,920	E309	E29	E6	E1,575	E73	E1,502
March	E2,137	E329	E32	E7	E1,768	E82	E1,687
April	E2,021	E306	E30	E7	E1,678	E78	E1,601
May	E2,066	E301	E30	E7	E1,728	E80	E1,648
June	E1,997	E296	E31	E6	E1,664	E77	E1,587
July	RE2,021	E286	E32	E6	RE1,697	E78	E1,619
August	RE2,047	RE301	E32	E6	RE1,707	RE79	RE1,628
September	E2,032	E296	E32	E6	E1,698	E78	E1,620
2003 YTD	E18,368	E2,755	E283	E58	E15,273	E705	14,567
2002 YTD	E18,031	E2,756	E281	E63	E14,931	E689	E14,241
2001 YTD	18,318	2,426	353	65	15,474	716	14,758

^a See Appendix A, Explanatory Note 2, for a discussion of data on Nonhydrocarbon Gases Removed.

^b Extraction loss is collected only on an annual basis. Monthly extraction loss is estimated from monthly marketed production by assuming that the preceding annual percentage remains constant for the next twelve months.

^c Equal to marketed production (wet) minus extraction loss.

^e Estimated Data.

^{RE} Revised Estimated Data.

Notes: Data for 1997 through 2001 are final. All other data are preliminary

unless otherwise indicated and contain estimates for selected States (see Table 7). Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding.

Sources: 1997-2001: Energy Information Administration (EIA), *Natural Gas Annual 2001*. January 2002 through current month: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," and EIA estimates. See Appendix A, Explanatory Notes 1, 2, and 3, for discussion of computation and estimation procedures and revision policies.

Table 2. Supply and Disposition of Dry Natural Gas in the United States, 1997-2003
(Billion Cubic Feet)

Year and Month	Dry Gas Production	Supplemental Gaseous Fuels ^a	Net Imports	Net Storage Withdrawals ^b	Balancing Item ^c	Consumption ^d
1997 Total	18,902	103	2,837	24	839	22,737
1998 Total	19,024	102	2,993	-530	633	22,245
1999 Total	18,832	98	3,422	172	-113	22,403
2000 Total	19,182	90	3,538	829	-271	23,368
2001						
January	1,685	9	348	508	126	2,676
February	1,515	7	301	348	138	2,310
March	1,714	8	326	187	14	2,250
April	1,626	6	295	-284	163	1,807
May	1,681	6	293	-488	31	1,524
June	1,624	6	293	-449	-29	1,445
July	1,650	7	333	-392	-1	1,598
August	1,661	6	324	-313	-10	1,670
September	1,602	7	281	-379	-17	1,494
October	1,674	7	292	-193	-129	1,651
November	1,599	8	249	-74	-81	1,701
December	1,645	8	268	361	-160	2,122
Total	19,676	86	3,604	-1,165	46	22,247
2002						
January	^E 1,620	^E 8	308	546	^R -21	^R 2,460
February	^E 1,447	^E 7	275	462	^R 24	^R 2,214
March	^E 1,625	^E 8	294	320	^R -21	^R 2,225
April	^E 1,558	^E 6	275	-126	^R 131	^R 1,844
May	^E 1,628	^E 6	279	-323	^R -12	1,578
June	^E 1,586	^E 5	272	-339	^R 34	^R 1,559
July	^E 1,641	^E 7	299	-239	^R 19	1,727
August	^E 1,624	^E 6	309	-234	^R -11	^R 1,695
September	^E 1,513	^E 6	288	-292	^R -3	^R 1,512
October	^E 1,554	^E 7	301	-84	^R -160	^R 1,617
November	^E 1,608	^E 7	275	198	-205	1,883
December	^E 1,644	^E 8	314	558	^R -183	2,342
Total	^E19,047	^E80	3,491	447	^R-409	^R22,656
2003						
January	^E 1,675	^E 8	^R 300	841	^R -186	^R 2,639
February	^E 1,502	^E 4	^R 251	676	^R 33	^R 2,465
March	^E 1,687	^E 7	^R 272	136	^R 52	^R 2,153
April	^E 1,601	^E 6	^R 256	-158	^R -11	^R 1,694
May	^E 1,648	^E 7	^R 268	-412	^R -34	1,477
June	^E 1,587	^E 6	^R 249	-470	^R -52	1,321
July	^E 1,619	^E 7	^R 272	-361	^R 15	^R 1,551
August	^{RE} 1,628	^E 7	^R 260	-309	^R -1	^R 1,586
September	^E 1,620	^{RE} 6	^R 245	-411	^R -97	1,363
2003 YTD	^E14,567	^E58	2,374	-468	-280	16,250
2002 YTD	^E14,241	^E58	2,601	-224	139	16,814
2001 YTD	14,758	63	2,795	-1,259	416	16,772

^a Supplemental gaseous fuels data are collected only on an annual basis except for the Dakota Gasification Co. coal gasification facility which provides data each month. The ratio of annual supplemental fuels (excluding Dakota Gasification Co.) to the sum of dry gas production, net imports, and net withdrawals from storage is calculated. This ratio is applied to the monthly sum of these three elements. The Dakota Gasification Co. monthly value is added to the result to produce the monthly supplemental fuels estimate.

^b Monthly and annual data for 1997 through 2001 include underground storage and liquefied natural gas storage. Data for January 2002 forward include underground storage only. See Appendix A, Explanatory Note 6 for discussion of computation procedures.

^c Represents quantities lost and imbalances in data due to differences among data sources. Annual balancing item for 1997-2001 includes net intransit deliveries through the United States for natural gas not contained in the monthly net imports figures. These intransit deliveries were (in billion cubic feet): -36 for 2001; -65 for 2000; -8 for 1999; 22 for 1998; 31 for 1997.

See Appendix A, Explanatory Note 8, for full discussion.

^d Consists of pipeline fuel use, lease and plant fuel use, vehicle fuel, and deliveries to consuming sectors as shown in Table 3.

^R Revised Data.

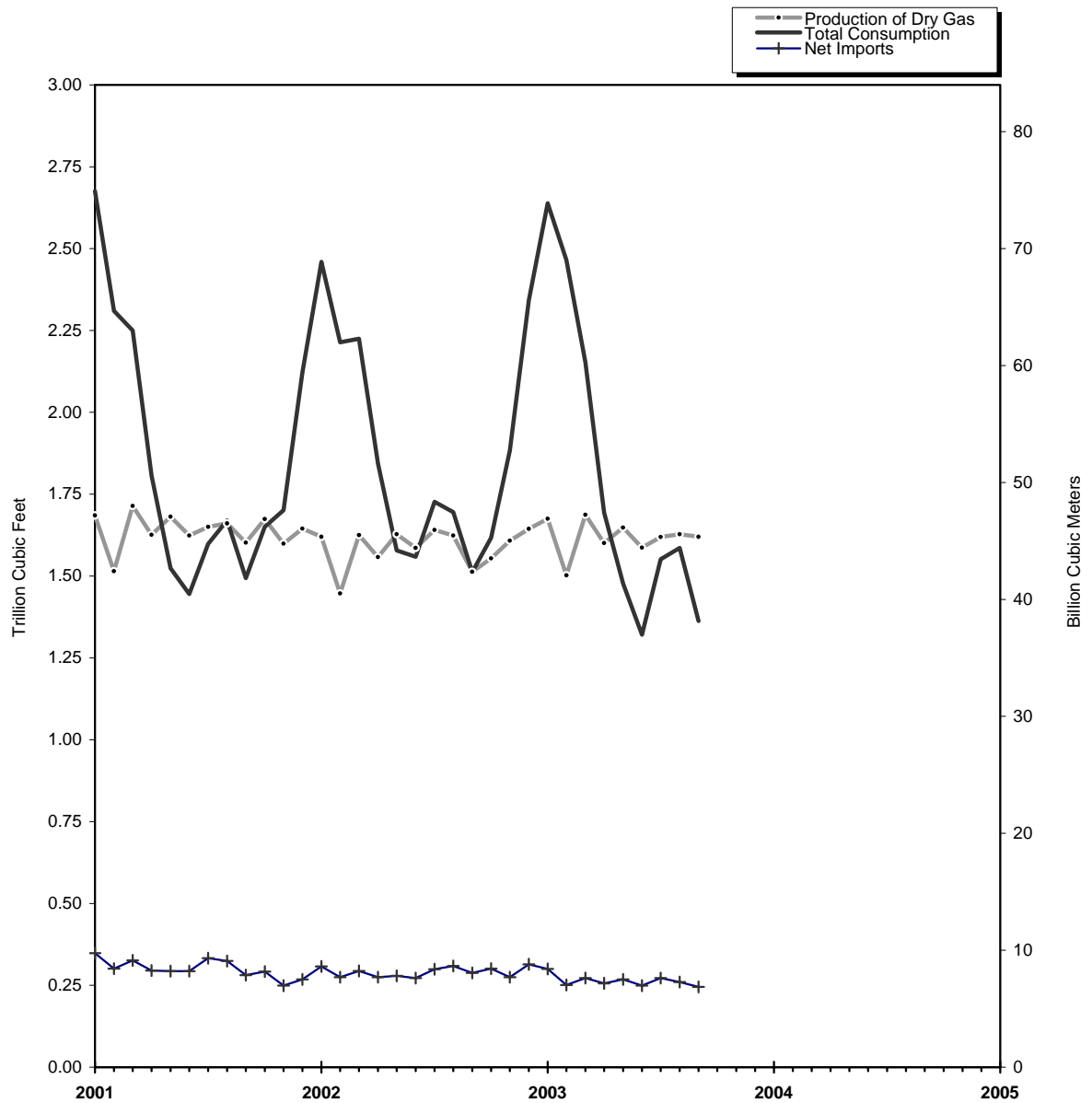
^E Estimated Data.

^{RE} Revised Estimated Data.

Notes: Data for 1997 through 2001 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding.

Sources: 1997-2001: Energy Information Administration (EIA), *Natural Gas Annual 2001*. January 2002 through current month: EIA, Form EIA-895, Form EIA-857, Form EIA-191, EIA computations and estimates, and Office of Fossil Energy, *"Natural Gas Imports and Exports."* See Appendix A, Notes 4 and 5, for discussion of computation and estimation procedures and revision policies.

Figure 1. Production, Consumption and Net Imports of Natural Gas in the United States, 2001-2003



Source: Table 2.

Table 3. Natural Gas Consumption in the United States, 1997-2003
(Billion Cubic Feet)

Year and Month	Lease and Plant Fuel ^a	Pipeline Fuel ^b	Delivered to Consumers						Total Consumption
			Residential	Commercial	Industrial	Electric Power	Vehicle Fuel	Total	
1997 Total	1,203	751	4,984	3,215	8,511	4,065	8	20,783	22,737
1998 Total	1,173	635	4,520	2,999	8,320	4,588	9	20,438	22,245
1999 Total	1,079	645	4,726	3,045	8,079	4,820	12	20,681	22,403
2000 Total	1,151	642	4,996	3,218	8,142	5,206	13	21,575	23,368
2001									
January	93	76	977	503	684	340	1	2,506	2,676
February	85	66	781	425	640	313	1	2,159	2,310
March	95	64	682	378	667	363	1	2,091	2,250
April	90	51	401	257	623	385	1	1,666	1,807
May	92	42	209	165	579	434	1	1,389	1,524
June	89	40	147	136	539	493	1	1,316	1,445
July	91	44	124	131	572	634	1	1,463	1,598
August	92	47	117	134	592	687	1	1,532	1,670
September	89	41	128	144	581	510	1	1,364	1,494
October	93	46	239	186	621	466	1	1,513	1,651
November	89	48	361	232	620	351	1	1,564	1,701
December	92	60	610	347	645	367	1	1,971	2,122
Total	1,089	624	4,776	3,037	7,363	5,343	15	20,534	22,247
2002									
January	^E 90	69	^R 819	^R 439	^R 661	381	1	^R 2,302	^R 2,460
February	^E 80	62	^R 717	^R 402	^R 607	344	1	^R 2,072	^R 2,214
March	^E 90	62	665	^R 373	^R 627	407	1	^R 2,073	^R 2,225
April	^E 86	52	416	^R 267	^R 617	404	1	^R 1,706	^R 1,844
May	^E 90	44	255	^R 192	^R 585	410	1	1,444	1,578
June	^E 88	44	161	^R 147	^R 568	551	1	1,428	^R 1,559
July	^E 91	48	125	^R 138	589	734	1	1,588	1,727
August	^E 90	48	117	^R 138	584	718	1	1,558	^R 1,695
September	^E 84	42	124	^R 142	550	569	1	^R 1,386	^R 1,512
October	^E 86	45	251	^R 200	591	442	1	^R 1,486	^R 1,617
November	^E 89	53	484	^R 299	^R 606	352	1	^R 1,741	1,883
December	^E 91	66	^R 772	^R 417	^R 635	360	1	^R 2,185	2,342
Total	^E 1,053	635	^R 4,906	^R 3,154	^R 7,222	5,672	15	^R 20,969	^R 22,656
2003									
January	^E 93	74	955	490	^R 659	367	1	^R 2,473	^R 2,639
February	^E 83	69	889	473	^R 621	329	1	^R 2,313	^R 2,465
March	^E 93	60	678	380	^R 587	353	1	^R 2,000	^R 2,153
April	^E 88	48	417	256	^R 551	333	1	^R 1,558	^R 1,694
May	^E 91	41	250	176	536	381	1	1,344	1,477
June	^E 88	37	159	135	490	411	1	1,196	1,321
July	^E 89	43	127	^R 129	551	609	1	^R 1,418	^R 1,551
August	^{RE} 90	^R 44	117	^R 127	^R 552	654	1	^R 1,452	^R 1,586
September	^E 90	38	128	133	539	434	1	1,236	1,363
2003 YTD^d	^E 805	456	3,723	2,298	5,086	3,871	12	14,990	16,250
2002 YTD^d	^E 787	472	3,399	2,238	5,390	4,518	11	15,556	16,814
2001 YTD^d	815	471	3,566	2,272	5,478	4,159	11	15,486	16,772

^a Plant fuel data and lease fuel data are collected only annually. Monthly lease and plant fuel use is estimated from monthly marketed production by assuming that the preceding annual percentage remains constant for the next twelve months.

^b Pipeline fuel use is collected only on an annual basis. Monthly pipeline fuel data are estimated from monthly total consumption(excluding pipeline fuel) by assuming that the preceding annual percentage remains constant for the next twelve months.

^d Year-to-date volume represents months for which volume information is available in the current year.

^R Revised Data.

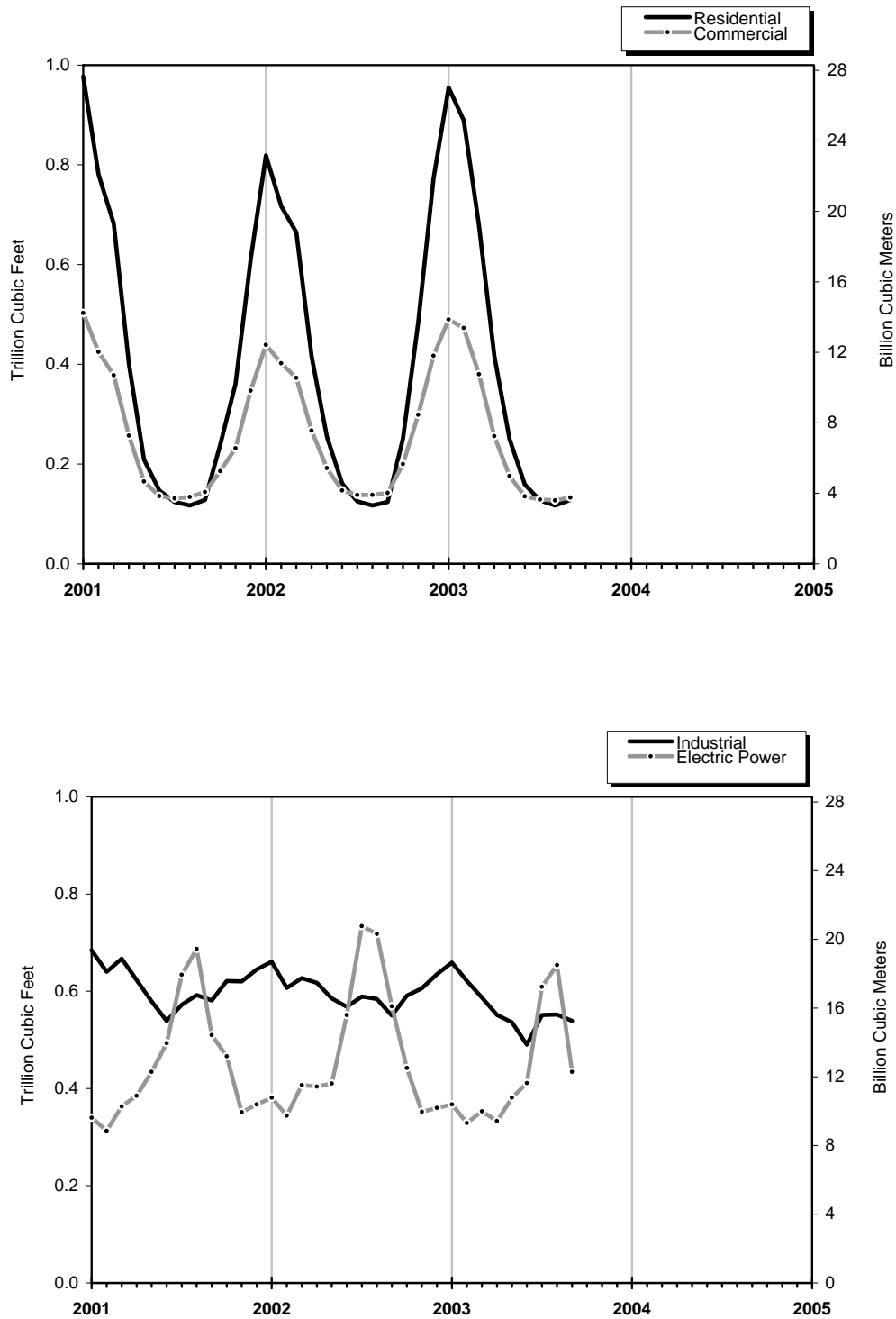
^E Estimated Data.

^{RE} Revised Estimated Data.

Notes: Data for 1997 through 2001 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Totals may not equal sum of components because of independent rounding. See Explanatory Note 7 for definition of sectors.

Sources: 1997-2001: Energy Information Administration (EIA): Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," Form EIA-759, "Monthly Power Plant Report," Form EIA-906, "Power Plant Report," EIA computations, and *Natural Gas Annual 2001*. January 2002 through the current month: EIA: Form EIA-895, Form EIA-857, and Form EIA-906. See Appendix A, Explanatory Note 7, for computation procedures and revision policy.

Figure 2. Natural Gas Deliveries to Consumers in the United States, 2001-2003



Source: Table 3.

Table 4. Selected National Average Natural Gas Prices, 1997-2003

(Dollars per Thousand Cubic Feet)

Year and Month	Wellhead Price ^a	City Gate Price	Consumer Prices					Electric Utilities Price
			Residential Price	Commercial		Industrial		
				Price	% of Total ^b	Price	% of Total ^b	
1997 Annual Average	2.32	3.66	6.94	5.80	70.8	3.59	18.1	2.78
1998 Annual Average	1.96	3.07	6.82	5.48	67.0	3.14	16.1	2.40
1999 Annual Average	2.19	3.10	6.69	5.33	66.1	3.12	18.8	2.62
2000 Annual Average	3.69	4.62	7.76	6.59	62.9	4.45	19.8	4.38
2001								
January	6.82	8.91	10.12	9.50	72.7	8.77	22.1	9.49
February	5.08	7.08	10.26	9.80	71.6	7.24	21.7	7.18
March	4.37	6.10	9.85	9.13	69.0	6.35	20.4	5.90
April	4.52	6.30	10.16	9.01	66.3	6.16	19.5	5.82
May	4.36	5.77	11.14	9.19	60.7	5.49	17.9	5.29
June	3.80	5.38	11.59	8.50	59.3	4.80	17.6	4.37
July	3.36	4.03	11.22	7.90	54.2	4.13	18.5	3.85
August	3.34	4.32	10.89	7.61	53.6	4.01	18.0	3.64
September	2.94	3.66	10.17	6.96	53.8	3.56	18.2	3.03
October	2.81	3.37	8.24	6.39	59.9	3.23	18.7	2.78
November	3.42	4.02	7.98	6.79	64.8	3.92	18.7	3.32
December	3.44	3.90	7.30	6.35	67.9	3.75	19.4	3.14
Annual Average	4.02	5.72	9.64	8.43	65.8	5.28	19.3	4.61
2002								
January	£2.35	£4.05	7.35	£6.45	£79.0	£4.08	£17.7	3.31
February	£2.14	3.77	£7.22	£6.34	£80.2	£3.72	£18.2	3.05
March	£2.52	3.85	7.10	6.23	£81.1	£3.79	17.8	3.52
April	£3.02	4.17	7.66	£6.50	£76.6	3.61	£23.2	3.90
May	£3.01	£4.08	8.52	£6.63	£72.8	4.02	£21.0	3.90
June	£2.94	£4.15	9.56	£6.72	£72.9	3.81	£22.9	3.69
July	£2.89	£3.93	10.22	£6.54	£71.2	£3.75	£20.9	3.54
August	£2.77	£3.64	10.42	£6.37	£70.7	£3.59	£19.5	3.48
September	£2.98	£3.97	10.19	£6.47	£68.9	3.84	20.1	3.78
October	£3.35	£4.30	8.59	£6.53	£73.1	4.13	£19.3	4.27
November	£3.59	£4.64	7.97	£6.78	£78.5	£4.66	19.6	4.47
December	£3.84	£4.70	£7.84	7.07	£79.7	£4.89	£20.7	4.86
Annual Average	£2.95	4.14	7.88	£6.56	£77.1	3.99	£20.0	3.78
2003								
January	£4.47	5.31	8.07	7.31	82.1	£5.37	22.4	5.13
February	£5.45	£5.88	8.43	7.81	79.8	£6.18	£21.8	6.38
March	£6.69	£7.55	9.71	8.95	80.2	8.05	£21.3	7.73
April	£4.71	5.61	10.04	8.74	76.8	5.88	£21.2	5.64
May	£4.97	5.66	10.56	8.69	73.6	5.60	20.4	5.00
June	£5.35	6.40	£11.80	8.87	72.8	6.37	19.9	6.38
July	£4.91	£5.82	£12.57	£8.75	£70.8	5.64	25.4	5.75
August	£4.72	£5.44	12.76	£8.29	£72.6	£5.23	£23.1	5.40
September	£4.58	5.57	12.19	8.33	72.7	5.31	22.7	NA
2003 YTD ^c	£5.09	5.94	9.45	8.22	77.8	5.94	22.1	NA
2002 YTD ^c	£2.74	3.95	7.82	6.43	76.7	3.80	20.1	3.59
2001 YTD ^c	4.29	6.42	10.29	9.07	66.1	5.83	19.4	4.96

^a See Appendix A, Explanatory Note 10, for discussion of wellhead prices.

^b Percentage of total deliveries represented by onsystem sales, see Figure 6. See Table 25 for State data.

^c Year-to-date price represents months for which price information is available in the current year. The electric utility year-to-date price is 1 month behind the wellhead, city gate, residential, commercial, and industrial year-to-date prices.

^R Revised Data.

^E Estimated Data.

NA Not Available.

Notes: Data for 1997 through 2001 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia.

Sources: 1997-2001: Energy Information Administration (EIA) *Natural Gas Annual 2001*. January 2002 through current month: EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," Form EIA-910, "Monthly Natural Gas Marketer Survey," Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," and EIA estimates.

Figure 3. Average Consumer Price of Natural Gas in the U.S., 2001-2003

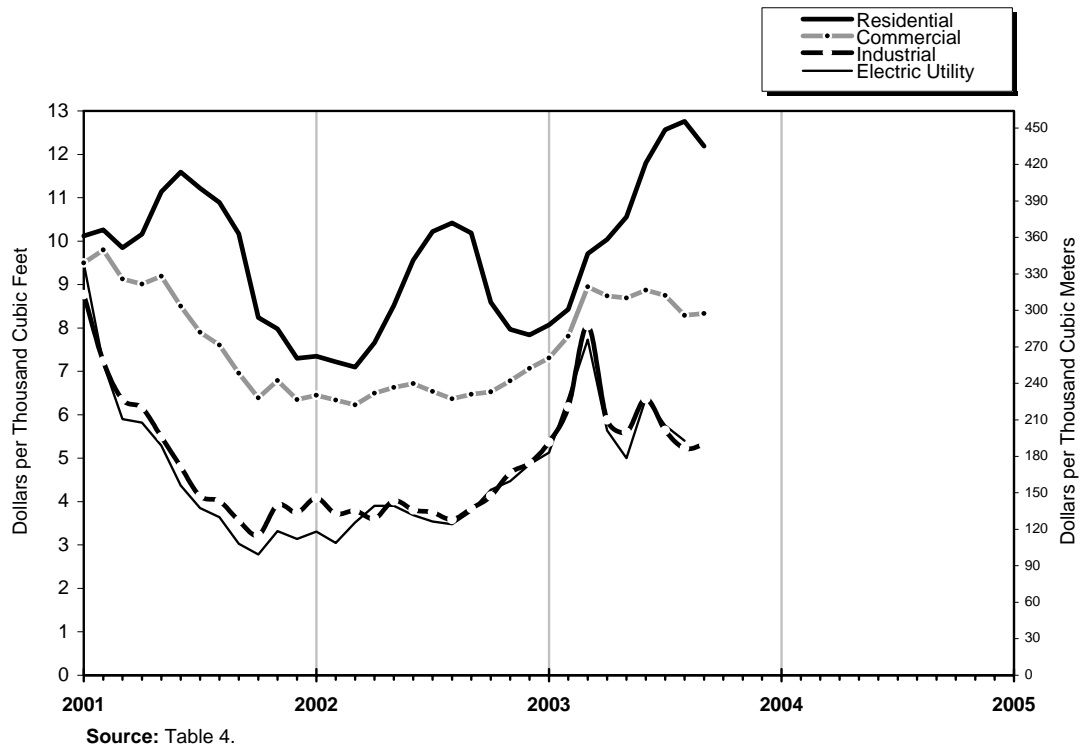


Figure 4. Average Price of Natural Gas in the United States, 2000-2003

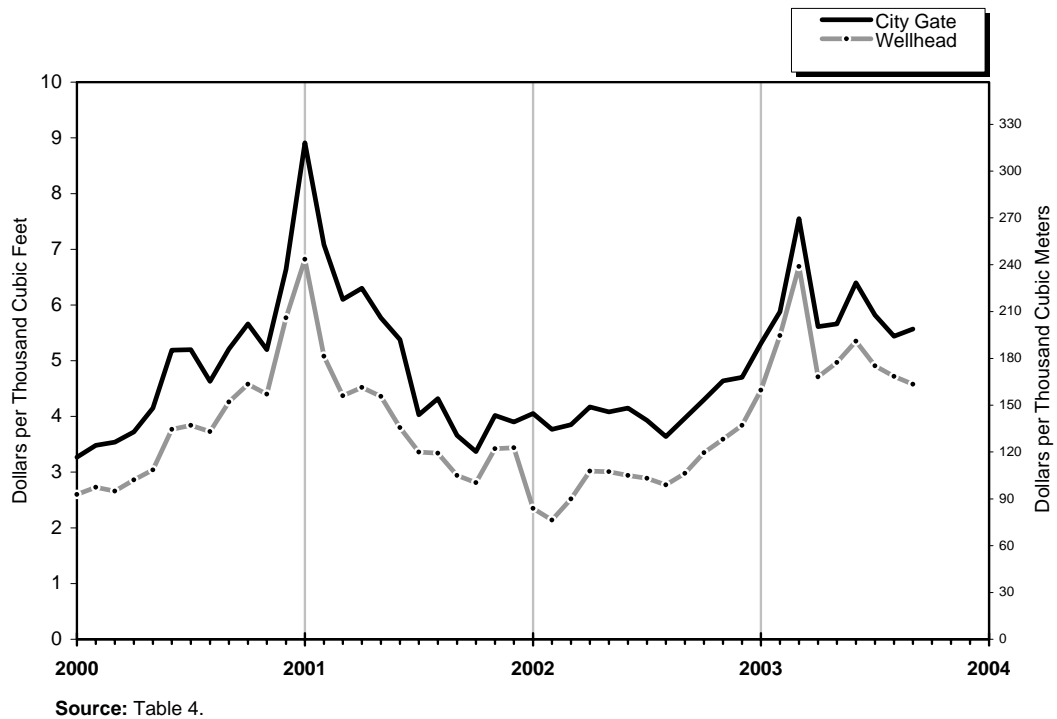


Table 5. U.S. Natural Gas Imports and Exports, 2001-2003

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet)

	YTD 2003	YTD 2002	YTD 2001	2003		
				October	September	August
Imports						
Volume (million cubic feet)						
Pipeline						
Canada ^a	2,746,184	3,119,860	3,151,862	274,789	R243,019	R260,657
Mexico	0	1,755	7,295	0	0	0
Total Pipeline Imports	2,746,184	3,121,615	3,159,158	274,789	R243,019	R260,657
LNG						
Algeria	37,071	21,313	57,198	0	8,191	2,768
Australia	0	0	2,394	0	0	0
Brunei	0	2,401	0	0	0	0
Indonesia	0	0	0	0	0	0
Malaysia	2,704	2,423	0	0	0	0
Nigeria	44,280	8,123	37,966	0	8,250	8,132
Oman	4,968	3,013	12,055	0	2,322	2,646
Qatar	10,624	35,081	22,758	0	5,760	0
Trinidad	286,194	114,423	84,694	23,660	29,312	35,466
United Arab Emirates	0	0	0	0	0	0
Total LNG Imports	385,841	186,778	217,064	23,660	53,835	49,012
Total Imports	3,132,025	3,308,392	3,376,222	298,449	R296,854	R309,669
Average Price (dollars per thousand cubic feet)						
Pipeline						
Canada	NA	2.92	4.73	NA	R5.10	R4.08
Mexico	-	2.36	6.05	-	-	-
Total Pipeline Imports	NA	2.92	4.73	NA	R5.10	R4.08
LNG						
Algeria	5.80	3.48	3.90	-	R5.15	R4.61
Australia	-	-	3.86	-	-	-
Brunei	-	2.82	-	-	-	-
Indonesia	-	-	-	-	-	-
Malaysia	4.97	3.43	-	-	-	-
Nigeria	4.68	3.21	5.56	-	R4.57	R4.50
Oman	3.96	3.34	5.56	-	R3.96	R3.96
Qatar	5.40	3.39	4.37	-	R4.79	-
Trinidad	NA	3.21	4.29	NA	R4.49	R4.39
United Arab Emirates	-	-	-	-	-	-
Total LNG Imports	NA	3.28	4.48	NA	R4.61	R4.40
Total Imports	NA	2.94	4.72	NA	R5.01	R4.13
Exports						
Volume (million cubic feet)						
Pipeline						
Canada	E196,656	135,630	120,866	E17,524	R18,696	R14,255
Mexico	E262,421	218,701	114,130	E27,760	R27,760	R29,764
Total Pipeline Exports	E459,077	354,331	234,996	E45,284	R46,456	R44,020
LNG						
Japan	53,067	52,170	54,506	7,566	5,475	5,145
Mexico	NA	322	372	NA	R28	R21
Total LNG Exports	53,336	52,492	54,878	7,566	R5,503	R5,166
Total Exports	E512,413	406,823	289,874	E52,850	R51,959	R49,185
Average Price dollars per thousand cubic feet)						
Pipeline						
Canada	NA	2.95	4.43	NA	R5.33	R4.94
Mexico	NA	3.13	4.69	NA	R4.89	R4.96
Total Pipeline Exports	NA	3.06	4.56	NA	R5.07	R4.95
LNG						
Japan	NA	4.02	4.41	NA	R4.39	R4.42
Mexico	NA	5.82	5.82	NA	R5.82	R5.82
Total LNG Exports	NA	4.03	4.42	NA	R4.40	R4.43
Total Exports	NA	3.19	4.53	NA	R5.00	R4.90
Net Imports - Volume	E2,619,612	2,901,569	3,086,349	E245,599	R244,895	R260,484

See footnotes at end of table.

Table 5. U.S. Natural Gas Imports and Exports, 2001-2003

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet) — Continued

	2003					
	July	June	May	April	March	February
Imports						
Volume (million cubic feet)						
Pipeline						
Canada ^a	R261,582	R252,740	R270,075	R272,272	R292,371	R285,984
Mexico	0	0	0	0	0	0
Total Pipeline Imports	R261,582	R252,740	R270,075	R272,272	R292,371	R285,984
LNG						
Algeria	5,462	2,788	4,190	10,893	2,778	0
Australia	0	0	0	0	0	0
Brunei	0	0	0	0	0	0
Indonesia	0	0	0	0	0	0
Malaysia	2,704	0	0	0	0	0
Nigeria	2,770	11,237	11,288	2,604	0	0
Oman	R0	0	0	0	0	0
Qatar	2,993	0	0	0	1,871	0
Trinidad	R43,874	33,889	30,336	19,184	26,353	21,007
United Arab Emirates	0	0	0	0	0	0
Total LNG Imports	R57,803	47,914	45,814	32,682	31,002	21,007
Total Imports	R319,385	R300,654	R315,888	R304,954	R323,373	R306,991
Average Price (dollars per thousand cubic feet)						
Pipeline						
Canada	R5.10	R5.90	R5.10	R5.10	R8.01	R5.94
Mexico	-	-	-	-	-	-
Total Pipeline Imports	R5.10	R5.90	R5.10	R5.10	R8.01	R5.94
LNG						
Algeria	R6.68	5.54	4.75	6.12	7.79	-
Australia	-	-	-	-	-	-
Brunei	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-
Malaysia	R4.97	-	-	-	-	-
Nigeria	R5.27	4.63	4.73	5.02	-	-
Oman	-	-	-	-	-	-
Qatar	R6.22	-	-	-	5.94	-
Trinidad	R5.01	5.08	4.79	5.11	5.09	4.79
United Arab Emirates	-	-	-	-	-	-
Total LNG Imports	R5.24	5.00	4.77	5.44	5.38	4.79
Total Imports	R5.13	R5.76	R5.05	R5.14	R7.76	R5.86
Exports						
Volume (million cubic feet)						
Pipeline						
Canada	R13,446	17,540	15,223	22,677	28,909	25,141
Mexico	R27,381	30,124	28,919	20,217	17,298	25,177
Total Pipeline Exports	R40,826	47,664	44,143	42,893	46,207	50,318
LNG						
Japan	6,546	3,498	3,798	5,605	5,565	5,569
Mexico	R18	19	27	33	40	40
Total LNG Exports	R6,564	3,518	3,825	5,637	5,604	5,609
Total Exports	R47,390	51,182	47,968	48,531	51,811	55,927
Average Price dollars per thousand cubic feet)						
Pipeline						
Canada	R5.66	6.15	5.56	5.51	9.27	7.57
Mexico	R5.29	5.95	5.60	5.15	8.46	5.78
Total Pipeline Exports	R5.41	6.02	5.59	5.34	8.97	6.67
LNG						
Japan	R4.67	4.75	4.61	4.43	4.29	4.43
Mexico	R5.82	5.82	5.82	5.82	5.82	5.82
Total LNG Exports	R4.67	4.76	4.62	4.44	4.30	4.44
Total Exports	R5.31	5.94	5.51	5.24	8.46	6.45
Net Imports - Volume	R271,995	R249,472	R267,921	R256,423	R271,562	R251,064

See footnotes at end of table.

Table 5. U.S. Natural Gas Imports and Exports, 2001-2003

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet) — Continued

	2003	2002				
	January	Total	December	November	October	September
Imports						
Volume (million cubic feet)						
Pipeline						
Canada ^a	\$332,695	3,777,032	348,952	308,220	315,486	318,108
Mexico	0	1,755	0	0	0	0
Total Pipeline Imports	\$332,695	3,778,786	348,952	308,220	315,486	318,108
LNG						
Algeria	0	26,584	2,636	2,636	0	0
Australia	0	0	0	0	0	0
Brunei	0	2,401	0	0	0	0
Indonesia	0	0	0	0	0	0
Malaysia	0	2,423	0	0	0	0
Nigeria	0	8,123	0	0	5,403	0
Oman	0	3,013	0	0	0	0
Qatar	0	35,081	0	0	0	2,517
Trinidad	23,113	151,104	17,512	19,169	22,018	14,369
United Arab Emirates	0	0	0	0	0	0
Total LNG Imports	23,113	228,730	20,147	21,804	27,421	16,886
Total Imports	\$355,808	4,007,516	369,099	330,025	342,907	334,994
Average Price (dollars per thousand cubic feet)						
Pipeline						
Canada	\$4.92	3.13	4.19	4.06	3.58	3.05
Mexico	-	2.36	-	-	-	-
Total Pipeline Imports	\$4.92	3.13	4.19	4.06	3.58	3.05
LNG						
Algeria	-	3.61	4.20	4.07	-	-
Australia	-	-	-	-	-	-
Brunei	-	2.82	-	-	-	-
Indonesia	-	-	-	-	-	-
Malaysia	-	3.43	-	-	-	-
Nigeria	-	3.21	-	-	3.01	-
Oman	-	3.34	-	-	-	-
Qatar	-	3.39	-	-	-	3.59
Trinidad	4.65	3.43	4.42	3.85	3.52	3.30
United Arab Emirates	-	-	-	-	-	-
Total LNG Imports	4.65	3.43	4.39	3.88	3.42	3.34
Total Imports	\$4.90	3.15	4.20	4.05	3.57	3.06
Exports						
Volume (million cubic feet)						
Pipeline						
Canada	23,244	189,313	26,005	27,678	10,182	13,471
Mexico	28,021	263,078	23,113	21,264	26,314	27,482
Total Pipeline Exports	51,266	452,391	49,118	48,942	36,495	40,952
LNG						
Japan	4,301	63,439	5,660	5,609	5,571	5,583
Mexico	44	403	43	37	43	28
Total LNG Exports	4,345	63,842	5,703	5,647	5,614	5,611
Total Exports	55,611	516,233	54,821	54,589	42,109	46,563
Average Price dollars per thousand cubic feet)						
Pipeline						
Canada	6.57	3.34	4.33	4.33	3.78	3.23
Mexico	5.03	3.30	4.26	4.03	3.58	3.25
Total Pipeline Exports	5.73	3.32	4.30	4.20	3.64	3.24
LNG						
Japan	4.42	4.07	4.33	4.29	4.27	4.29
Mexico	5.82	5.82	5.82	5.82	5.82	5.82
Total LNG Exports	4.43	4.08	4.34	4.30	4.28	4.30
Total Exports	5.63	3.41	4.30	4.21	3.72	3.37
Net Imports - Volume	\$300,197	3,491,283	314,278	275,436	300,798	288,431

See footnotes at end of table.

Table 5. U.S. Natural Gas Imports and Exports, 2001-2003

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet) — Continued

	2002					
	August	July	June	May	April	March
Imports						
Volume (million cubic feet)						
Pipeline						
Canada ^a	331,234	322,654	291,606	290,759	297,315	321,851
Mexico	0	0	0	0	0	0
Total Pipeline Imports	331,234	322,654	291,606	290,759	297,315	321,851
LNG						
Algeria	0	4,665	4,665	7,344	1,912	0
Australia	0	0	0	0	0	0
Brunei	0	0	0	2,401	0	0
Indonesia	0	0	0	0	0	0
Malaysia	0	0	0	2,423	0	0
Nigeria	2,720	0	0	0	0	0
Oman	3,013	0	0	0	0	0
Qatar	2,644	5,375	13,903	5,612	5,030	0
Trinidad	15,796	11,360	7,256	10,312	10,271	10,151
United Arab Emirates	0	0	0	0	0	0
Total LNG Imports	24,174	21,400	25,824	28,092	17,213	10,151
Total Imports	355,408	344,054	317,431	318,851	314,528	332,003
Average Price (dollars per thousand cubic feet)						
Pipeline						
Canada	2.67	2.81	3.06	3.24	3.28	2.61
Mexico	-	-	-	-	-	-
Total Pipeline Imports	2.67	2.81	3.06	3.24	3.28	2.61
LNG						
Algeria	-	3.41	3.60	3.43	3.18	-
Australia	-	-	-	-	-	-
Brunei	-	-	-	2.82	-	-
Indonesia	-	-	-	-	-	-
Malaysia	-	-	-	3.43	-	-
Nigeria	3.61	-	-	-	-	-
Oman	3.34	-	-	-	-	-
Qatar	3.16	3.56	3.43	3.45	3.03	-
Trinidad	3.06	3.22	3.18	3.23	3.09	2.68
United Arab Emirates	-	-	-	-	-	-
Total LNG Imports	3.17	3.35	3.39	3.31	3.08	2.68
Total Imports	2.70	2.84	3.09	3.25	3.27	2.61
Exports						
Volume (million cubic feet)						
Pipeline						
Canada	11,983	11,856	14,379	14,777	12,619	14,270
Mexico	28,922	27,570	24,948	22,799	19,122	18,213
Total Pipeline Exports	40,905	39,426	39,327	37,576	31,740	32,483
LNG						
Japan	5,583	5,588	5,586	1,853	7,427	5,619
Mexico	24	19	25	30	26	39
Total LNG Exports	5,607	5,607	5,612	1,882	7,454	5,658
Total Exports	46,511	45,032	44,939	39,459	39,194	38,141
Average Price dollars per thousand cubic feet)						
Pipeline						
Canada	2.59	3.18	3.26	3.33	3.38	2.43
Mexico	2.92	3.21	3.14	3.27	3.52	2.70
Total Pipeline Exports	2.82	3.20	3.18	3.29	3.46	2.58
LNG						
Japan	4.25	4.08	3.84	3.76	3.67	3.73
Mexico	5.82	5.82	5.82	5.82	5.82	5.82
Total LNG Exports	4.26	4.09	3.85	3.79	3.68	3.74
Total Exports	3.00	3.31	3.27	3.32	3.50	2.75
Net Imports - Volume	308,896	299,021	272,492	279,392	275,334	293,862

^a Beginning with data for January 2001, EIA is reducing the reported volume of gas imported by pipeline from Canada by the amount of natural gas liquids removed from the saturated natural gas carried by Alliance Pipeline. Alliance moves saturated natural gas from the border to a processing plant in Illinois. After the adjustment, volumes of imported natural gas on this pipeline are on the same physical basis as other reported volumes of pipeline imports.

^R Revised Data.

^E Estimated Data.

^{NA} Not Available.

— Not Applicable.

Sources: Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports," and EIA estimates of dry natural gas imports. Estimated pipeline data are taken from data from the National Energy Board of Canada plus EIA estimates. LNG data: Industry reports.

Table 6. Summary of U.S. Natural Gas Imports and Exports, 1997-2001

(Volumes in Million Cubic Feet, Prices in Dollars per Thousand Cubic Feet)

	1997	1998	1999	2000	2001
Imports					
Volume (million cubic feet)					
Pipeline					
Canada	2,899,152	3,052,073	3,367,545	3,543,966	^a 3,728,537
Mexico	17,243	14,532	54,530	11,601	10,276
Total Pipeline Imports	2,916,394	3,066,605	3,422,075	3,555,567	3,738,814
LNG					
Algeria	65,675	68,567	75,763	46,947	64,945
Australia	9,686	11,634	11,904	5,945	2,394
Brunei	0	0	0	0	0
Indonesia	0	0	0	2,760	0
Malaysia	0	0	2,576	0	0
Nigeria	0	0	0	12,654	37,966
Oman	0	0	0	9,998	12,055
Qatar	0	0	19,697	46,057	22,758
Trinidad	0	0	50,777	98,949	98,009
United Arab Emirates	2,417	5,252	2,713	2,725	0
Total LNG Imports	77,778	85,453	163,430	226,036	238,126
Total Imports	2,994,173	3,152,058	3,585,505	3,781,603	3,976,939
Average Price (dollars per thousand cubic feet)					
Pipeline					
Canada	2.15	1.95	2.23	3.97	4.43
Mexico	2.31	2.03	2.14	5.43	5.00
Total Pipeline Imports	2.15	1.95	2.23	3.98	4.44
LNG					
Algeria	2.67	2.51	2.41	3.48	3.73
Australia	2.92	3.30	2.70	3.25	3.86
Brunei	-	-	-	-	-
Indonesia	-	-	-	3.99	-
Malaysia	-	-	2.36	-	-
Nigeria	-	-	-	4.37	5.56
Oman	-	-	-	3.36	5.56
Qatar	-	-	2.71	3.44	4.37
Trinidad	-	-	2.39	3.43	4.14
United Arab Emirates	3.74	2.63	3.03	3.53	-
Total LNG Imports	2.74	2.63	2.47	3.50	4.35
Total Imports	2.17	1.97	2.24	3.95	4.43
Exports					
Volume (million cubic feet)					
Pipeline					
Canada	56,447	39,891	38,508	72,586	166,690
Mexico	38,372	53,133	61,025	105,102	140,370
Total Pipeline Exports	94,818	93,023	99,533	177,688	307,060
LNG					
Japan	62,187	65,951	63,607	65,610	65,753
Mexico	0	33	275	418	465
Total LNG Exports	62,187	65,984	63,882	66,028	66,218
Total Exports	157,006	159,007	163,415	243,716	373,278
Average Price dollars per thousand cubic feet)					
Pipeline					
Canada	2.52	2.25	2.35	3.66	3.97
Mexico	2.46	2.04	2.27	4.26	4.34
Total Pipeline Exports	2.49	2.13	2.30	4.01	4.14
LNG					
Japan	3.83	2.91	3.08	4.31	4.39
Mexico	-	5.69	6.95	5.82	5.82
Total LNG Exports	3.83	2.91	3.10	4.31	4.40
Total Exports	3.02	2.45	2.61	4.10	4.19
Net Imports - Volume	2,837,167	2,993,051	3,422,090	3,537,887	3,603,661

^a Beginning with data for January 2001, EIA is reducing the reported volume of gas imported by pipeline from Canada by the amount of natural gas liquids removed from the saturated natural gas carried by Alliance Pipeline. Alliance moves saturated natural gas from the border to a processing plant in Illinois. After the adjustment, volumes of imported natural gas on this pipeline are on

the same physical basis as other reported volumes of pipeline imports.

— Not Applicable.

Sources: Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports," and EIA estimates of dry natural gas imports. LNG data: Industry reports.

Table 7. Marketed Production of Natural Gas, by State and Federal Gulf of Mexico, 1997-2003
(Million Cubic Feet)

Year and Month	Alabama	Alaska	Arizona	California	Colorado	Florida	Kansas
1997 Total	388,596	468,311	452	285,690	637,375	6,114	687,215
1998 Total	392,394	466,648	457	315,277	696,321	5,796	603,586
1999 Total	381,701	462,967	474	382,715	722,738	5,933	553,419
2000 Total	363,467	458,995	368	376,580	752,985	6,491	525,729
2001							
January	30,460	43,493	31	31,909	67,774	498	45,297
February	27,096	39,459	28	27,787	60,001	488	38,003
March	29,918	43,641	31	30,312	65,317	587	41,029
April	28,864	38,225	32	29,074	60,134	520	39,827
May	29,742	34,303	28	31,230	61,348	513	40,035
June	28,993	36,875	25	30,568	59,612	413	40,304
July	30,616	36,548	26	32,970	57,369	471	40,127
August	30,999	36,804	24	33,137	54,463	464	39,822
September	30,101	38,041	22	32,377	53,484	484	38,427
October	30,194	40,559	20	33,725	51,818	386	39,337
November	29,379	40,007	15	32,455	52,383	413	38,254
December	30,446	43,487	25	32,281	52,534	472	39,682
Total	356,810	471,440	307	377,824	696,237	5,710	480,145
2002							
January	29,824	42,257	26	30,928	^E 54,022	342	39,644
February	27,219	38,966	23	28,337	^E 50,723	256	35,325
March	29,303	41,993	26	31,562	^E 52,656	386	38,902
April	28,624	40,086	23	29,413	^E 49,867	291	38,190
May	28,908	35,924	23	30,596	^E 52,315	296	39,173
June	28,600	37,109	24	30,261	^E 49,327	287	38,427
July	29,707	36,269	29	30,268	^E 50,100	266	38,173
August	31,095	37,345	28	30,113	^E 49,891	243	38,316
September	30,166	34,764	28	29,438	^E 48,500	251	35,797
October	31,594	39,274	25	30,213	^E 49,250	241	36,654
November	30,465	38,823	23	29,800	^E 48,905	213	35,522
December	30,556	41,860	23	29,631	^E 49,828	271	36,679
Total	356,061	464,669	301	360,559	^E 605,384	3,343	450,801
2003							
January	30,763	42,229	22	29,894	83,130	236	36,158
February	28,063	38,442	21	27,119	75,511	^E 200	32,308
March	31,401	52,604	21	29,442	82,932	^E 255	35,429
April	29,782	39,481	21	28,279	78,817	^E 213	34,533
May	29,933	36,457	24	29,536	81,900	210	38,050
June	^R 29,136	36,077	23	28,445	78,820	280	33,488
July	^R 29,643	35,809	24	29,568	78,272	275	35,762
August	^E 30,096	35,327	22	28,101	77,726	236	35,653
2003 YTD	^E 238,818	316,427	177	230,384	637,108	^E 1,906	281,380
2002 YTD	233,280	309,948	203	241,478	^E 408,901	2,366	306,150
2001 YTD	236,689	309,347	226	246,986	486,018	3,954	324,445

See footnotes at end of table.

Table 7. Marketed Production of Natural Gas, by State and Federal Gulf of Mexico, 1997-2003

(Million Cubic Feet) — Continued

Year and Month	Louisiana	Michigan	Mississippi	Montana	New Mexico	North Dakota	Oklahoma
1997 Total	1,505,014	305,950	107,300	52,437	1,558,633	52,401	1,703,888
1998 Total	1,551,979	278,076	108,068	57,645	1,501,098	53,185	1,669,367
1999 Total	1,566,916	277,364	111,021	61,163	1,511,671	52,862	1,594,002
2000 Total	1,455,014	296,556	88,558	69,936	1,695,295	52,426	1,612,890
2001							
January	124,371	27,356	8,958	6,988	143,955	4,517	133,934
February	115,943	13,501	7,749	6,379	131,899	4,014	122,434
March	137,930	29,663	8,398	6,996	144,915	4,548	138,604
April	125,073	20,073	9,892	6,538	140,422	4,566	136,210
May	129,537	35,940	10,332	6,767	143,332	4,825	145,606
June	123,492	17,781	8,440	6,252	134,107	4,357	135,712
July	127,806	19,992	9,313	6,856	143,117	4,649	136,425
August	127,732	26,811	9,494	6,785	144,951	4,753	138,939
September	121,068	14,352	8,341	6,655	138,332	4,501	133,915
October	124,105	29,330	9,074	7,027	142,921	4,581	137,551
November	121,862	24,137	8,353	6,690	138,713	4,648	121,359
December	123,904	16,099	9,196	7,465	142,462	4,773	134,696
Total	1,502,825	275,036	107,541	81,397	1,689,125	54,732	1,615,384
2002							
January	^E 130,293	34,593	9,510	7,569	137,980	4,763	^E 135,659
February	^E 117,759	13,357	8,688	6,715	124,271	4,263	^E 123,144
March	^E 131,632	31,113	9,016	7,131	137,618	4,712	^E 137,542
April	^E 127,233	17,564	8,706	6,993	129,207	4,617	^E 132,944
May	^E 131,815	29,128	9,321	6,969	133,492	4,910	^E 137,734
June	^E 127,281	17,707	9,065	6,641	128,333	4,628	^E 134,508
July	^E 130,232	34,483	9,067	6,746	134,156	4,766	^E 137,627
August	^E 130,449	13,999	9,443	6,697	134,938	4,865	^E 137,856
September	^E 125,736	18,812	10,110	7,033	130,590	5,270	^E 132,878
October	^E 130,200	29,817	10,172	7,192	128,319	4,852	^E 138,353
November	^E 126,707	16,082	9,464	7,154	131,131	4,627	^E 134,640
December	^E 128,432	18,708	10,250	7,442	129,093	4,726	^E 140,267
Total	^E1,537,769	275,363	112,812	84,282	1,579,130	56,999	^E1,623,152
2003							
January	^E 113,923	30,488	10,990	6,902	129,805	4,607	^E 141,591
February	^E 106,400	15,229	9,530	6,546	118,977	4,132	^E 128,156
March	^E 118,513	22,663	10,566	7,116	133,383	4,557	^E 140,777
April	^E 116,731	15,026	10,924	6,817	126,853	4,311	^E 134,043
May	^E 119,816	22,584	11,317	6,767	129,669	4,470	^E 140,654
June	^E 111,791	17,416	11,065	6,788	^E 123,702	5,804	^E 136,475
July	^E 115,349	21,166	11,099	6,818	^E 129,687	5,939	^E 143,336
August	^E 118,792	^E 18,560	11,643	6,971	^E 129,842	5,971	^E 143,367
2003 YTD	^E921,315	^E163,131	87,134	54,727	^E1,021,919	39,790	^E1,108,399
2002 YTD	^E1,026,694	191,945	72,817	55,460	1,059,996	37,524	^E1,077,014
2001 YTD	1,011,885	191,118	72,577	53,561	1,126,698	36,229	1,087,863

See footnotes at end of table.

Table 7. Marketed Production of Natural Gas, by State and Federal Gulf of Mexico, 1997-2003

(Million Cubic Feet) — Continued

Year and Month	Oregon	Texas	Utah	Wyoming	Other ^a States	Federal Gulf of Mexico	U.S. Total
1997 Total	1,173	5,167,334	257,139	738,368	736,679	5,206,023	19,866,093
1998 Total	1,067	5,227,477	277,340	903,836	775,235	5,076,496	19,961,348
1999 Total	1,291	5,054,486	262,614	971,230	800,579	5,029,704	19,804,848
2000 Total	1,214	5,282,104	269,285	1,088,328	866,902	4,934,387	20,197,511
2001							
January	113	453,761	24,309	115,164	74,256	429,097	1,766,240
February	108	405,927	22,368	102,340	69,441	393,225	1,588,190
March	116	452,870	24,876	117,096	75,503	444,720	1,797,070
April	102	437,448	24,381	111,892	68,266	423,729	1,705,270
May	97	454,780	24,261	111,550	70,562	427,550	1,762,339
June	89	447,818	23,502	110,206	70,260	424,375	1,703,182
July	93	451,766	22,972	113,632	68,704	427,025	1,730,477
August	89	456,137	22,826	113,800	71,233	422,735	1,741,997
September	80	443,384	22,649	114,681	69,916	408,368	1,679,177
October	80	463,530	23,854	121,347	75,235	420,719	1,755,393
November	68	440,679	23,337	116,972	69,974	406,663	1,676,363
December	76	452,048	24,578	115,198	78,142	417,151	1,724,715
Total	1,110	5,360,148	283,913	1,363,879	861,493	5,045,357	20,630,412
2002							
January	75	^E 442,832	24,544	117,851	^E 79,940	^E 375,638	^E 1,698,291
February	69	^E 393,418	22,492	109,212	^E 73,835	^E 338,819	^E 1,516,890
March	71	^E 442,965	24,655	118,039	^E 78,423	^E 386,080	^E 1,703,826
April	74	^E 429,360	23,114	115,733	^E 74,107	^E 377,724	^E 1,633,870
May	73	^E 448,105	23,968	120,648	^E 73,343	^E 399,564	^E 1,706,306
June	73	^E 437,640	22,596	116,345	^E 74,616	^E 399,273	^E 1,662,741
July	93	^E 449,035	23,215	120,006	^E 73,137	^E 412,913	^E 1,720,288
August	68	^E 448,785	23,713	114,873	^E 74,714	^E 415,006	^E 1,702,437
September	80	^E 423,542	22,197	117,216	^E 74,451	^E 339,167	^E 1,586,025
October	70	^E 450,709	23,940	124,690	^E 79,703	^E 313,546	^E 1,628,816
November	65	^E 438,289	23,622	128,412	^E 76,485	^E 405,000	^E 1,685,430
December	165	^E 447,127	24,092	133,666	^E 82,300	^E 408,871	^E 1,723,987
Total	978	^E5,251,807	282,147	1,436,692	^E915,055	^E4,571,601	^E19,968,906
2003							
January	^E 168	^E 447,039	23,759	132,547	^E 83,288	^E 408,739	^E 1,756,277
February	^E 152	^E 405,902	21,511	118,544	^E 78,139	^E 360,164	^E 1,575,046
March	^E 157	^E 448,607	23,993	130,518	^E 83,107	^E 412,455	^E 1,768,497
April	^E 148	^E 425,355	22,719	123,604	^E 78,547	^E 402,281	^E 1,678,485
May	^E 146	^E 448,495	^E 23,510	116,924	^E 77,155	^E 410,568	^E 1,728,184
June	^E 137	^E 433,918	22,139	120,000	^E 79,634	^E 388,772	^{RE} 1,663,910
July	^E 149	^E 451,986	21,673	122,714	^E 76,951	^E 380,670	^{RE} 1,696,890
August	^E 135	^E 451,930	22,253	122,837	^E 79,680	^E 388,152	^E 1,707,295
2003 YTD	^E1,192	^E3,513,232	^E181,556	987,688	^E636,501	^E3,151,801	13,574,585
2002 YTD	597	^E3,492,140	188,295	932,707	^E602,115	^E3,105,017	^E13,344,648
2001 YTD	806	3,560,507	189,495	895,681	568,226	3,392,456	13,794,765

^a Includes Arkansas, Illinois, Indiana, Kentucky, Maryland, Missouri, Nebraska, Nevada, New York, Ohio, Pennsylvania, South Dakota, Tennessee, Virginia, and West Virginia. The 2002 and later data monthly values for these States are estimated.

^R Revised Data.

^E Estimated Data.

^{RE} Revised Estimated Data.

Notes: Data for 1997 through 2001 are final. All other data are preliminary

unless otherwise indicated. Totals may not equal sum of components because of independent rounding. See Appendix A, Explanatory Notes 1 and 2 for discussion of computation procedures and revision policy.

Sources: 1997-2001: Energy Information Administration (EIA), *Natural Gas Annual 2001* and Minerals Management Service reports. January 2002 through current month: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report," Minerals Management Service reports, and EIA computations.

Table 8. Gross Withdrawals and Marketed Production of Natural Gas, by State and Federal Gulf of Mexico, August 2003

(Million Cubic Feet)

State	Gross Withdrawals			Repressuring	Nonhydrocarbon Gases Removed ^a	Vented and Flared	Marketed Production
	From Gas Wells	From Oil Wells	Total				
Alabama	£31,641	£482	£32,122	£353	£1,529	£145	£30,096
Alaska	14,441	269,655	284,096	248,259	0	510	35,327
Arizona	22	0	22	0	0	0	22
California	7,226	23,009	30,235	1,709	285	139	28,101
Colorado	67,605	11,006	78,611	786	0	99	77,726
Florida	0	£267	267	0	31	0	236
Kansas	35,749	0	35,749	61	0	36	35,653
Louisiana	£101,875	£18,755	£120,630	£1,014	£0	£823	£118,792
Michigan	£15,106	£3,776	£18,882	£133	0	£189	£18,560
Mississippi	13,534	511	14,044	508	1,590	304	11,643
Montana	6,305	695	7,000	0	0	29	6,971
New Mexico	£113,182	£17,596	£130,778	£742	0	£194	£129,842
North Dakota	6,148	0	6,148	0	12	165	5,971
Oklahoma	£129,608	£13,759	£143,367	£0	£0	£0	£143,367
Oregon	£135	£0	£135	£0	£0	£0	£135
Texas	£405,306	£98,072	£503,378	£37,916	£11,438	£2,094	£451,930
Utah	21,177	2,489	23,666	199	1,134	80	22,253
Wyoming	133,727	15,279	149,006	9,178	15,873	1,117	122,837
Other States	£77,848	£2,551	£80,398	0	£541	£177	£79,680
Federal Gulf of Mexico	£388,152	£0	£388,152	£0	£0	£0	£388,152
Total	£1,568,787	£477,900	£2,046,687	£300,859	£32,432	£6,101	1,707,295

^a See Appendix A, Explanatory Note 2, for a discussion of data on Nonhydrocarbon Gases Removed.

[£] Estimated Data.

Notes: All monthly data are considered preliminary until publication of the *Natural Gas Annual* for that year. Totals may not equal sum of components

because of independent rounding. See Appendix A, Explanatory Notes 1 and 2 for discussion of computation procedures and revision policy.

Source: Form EIA-895, "Monthly Quantity and Value of Natural Gas Report" and EIA estimates.

Table 9. Underground Natural Gas Storage - All Operators, 1997-2003

(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Underground Storage at End of Period			Change In Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total ^b	Volume	Percent	Injections	Withdrawals	Net Withdrawals ^c
1997 Total^a	—	—	—	—	—	2,800	2,824	24
1998 Total^a	—	—	—	—	—	2,905	2,379	-526
1999 Total^a	—	—	—	—	—	2,598	2,772	174
2000 Total^a	—	—	—	—	—	2,684	3,498	814
2001								
January	4,344	1,265	5,609	-495	-28.1	92	588	496
February	4,328	912	5,241	-391	-30.0	74	414	339
March	4,300	742	5,042	-412	-35.7	116	298	183
April	4,261	992	5,253	-210	-17.5	349	70	-279
May	4,309	1,440	5,749	7	0.5	520	41	-479
June	4,310	1,882	6,193	165	9.6	490	49	-441
July	4,315	2,261	6,576	258	12.9	451	66	-385
August	4,313	2,576	6,889	377	17.1	386	79	-307
September	4,318	2,944	7,262	450	18.0	413	41	-372
October	4,310	3,144	7,454	412	15.1	282	93	-190
November	4,301	3,254	7,555	812	33.2	210	138	-73
December	4,301	2,904	7,204	1,185	68.9	80	432	352
Total	—	—	—	—	—	3,464	2,309	-1,156
2002								
January	4,313	2,344	6,657	1,078	85.2	59	605	546
February	4,356	1,838	6,194	925	101.4	55	517	462
March	4,355	1,518	5,873	776	104.7	105	425	320
April	4,355	1,659	6,014	666	67.1	237	111	-126
May	4,361	1,968	6,329	528	36.7	381	58	-323
June	4,355	2,308	6,663	426	22.6	395	56	-339
July	4,358	2,539	6,896	278	12.3	341	101	-239
August	4,357	2,773	7,130	198	7.7	322	89	-234
September	4,342	3,042	7,384	97	3.3	364	72	-292
October	4,342	3,116	7,458	-28	-0.9	229	145	-84
November	4,344	2,929	7,273	-325	-10.0	124	322	198
December	4,340	2,375	6,715	-528	-18.2	66	624	558
Total	—	—	—	—	—	2,679	3,126	447
2003								
January	4,342	1,534	5,876	-810	-34.5	44	886	841
February	4,334	864	5,198	-974	-53.0	48	723	676
March	4,324	730	5,054	-788	-51.9	169	305	136
April	4,315	896	5,211	-763	-46.0	277	118	-158
May	4,322	1,300	5,622	-668	-33.9	453	41	-412
June	4,323	1,768	6,091	-540	-23.4	506	36	-470
July	4,323	2,129	6,451	-410	-16.1	426	64	-361
August	4,324	2,435	6,760	-338	-12.2	371	62	-309
September	4,328	2,843	7,171	-199	-6.5	441	31	-411
October	4,327	3,130	7,457	14	0.5	343	59	-284

^a Total as of December 31.^b Total underground storage capacity at the end of each calendar year (in billion cubic feet): 1997 - 8,332; 1998 - 8,179; 1999 - 8,229; 2000 - 8,241; and 2001 - 8,415.^c Negative numbers indicate the volume of injections in excess of withdrawals. Positive numbers indicate the volume of withdrawals in excess of injections.

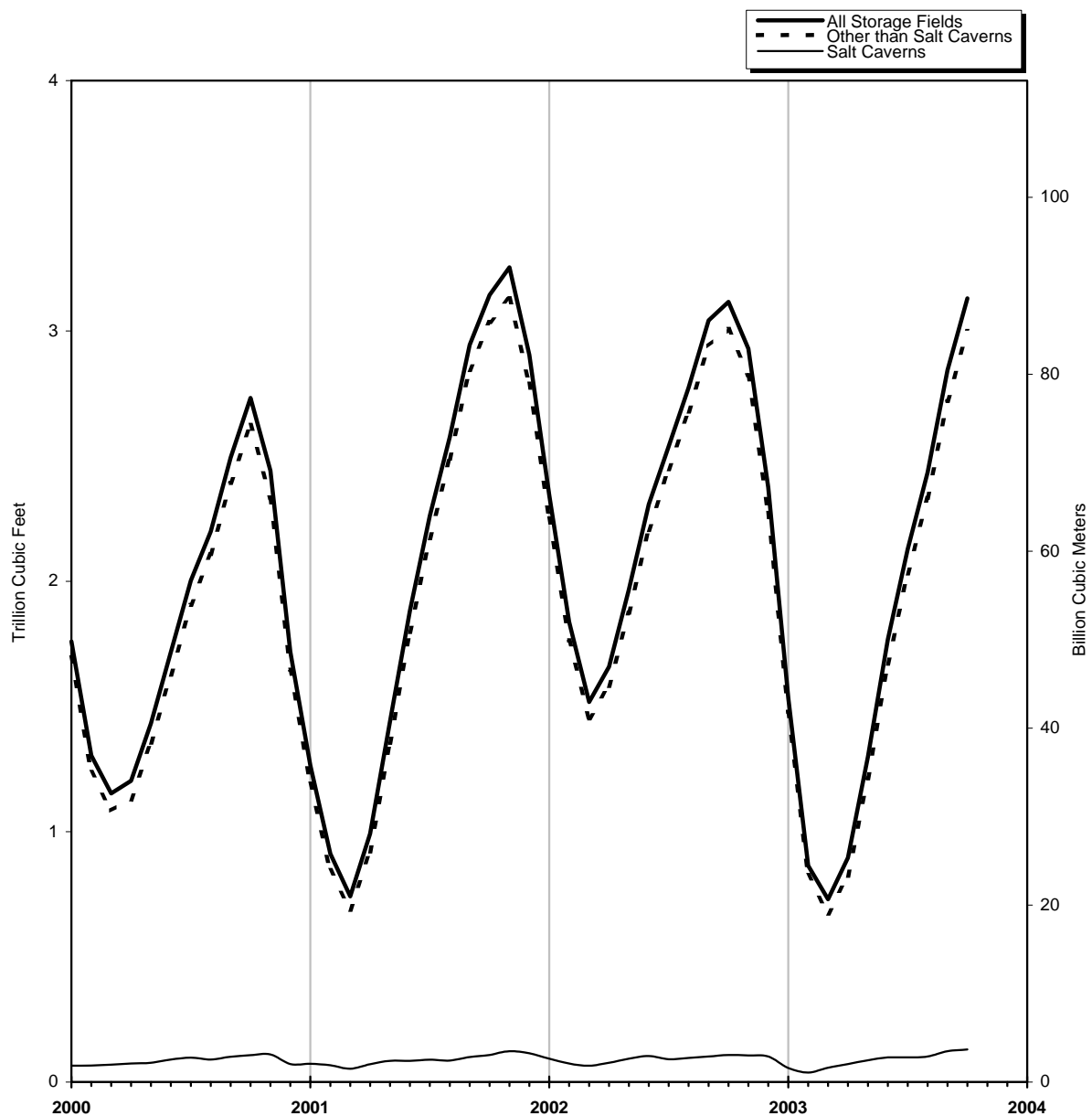
— Not Applicable.

Notes: Data for 1997 through 2001 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 6 for discussion

of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia.

Sources: Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Figure 5. Working Gas in Underground Natural Gas Storage in the U.S., 2000-2003



Sources: Tables 10, 11 and 12.

Table 10. Underground Natural Gas Storage - by Season, 2001-2003

(Volumes in Billion Cubic Feet)

Year, Season and Month	Natural Gas in Underground Storage at End of Period			Change In Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals	Net Withdrawals ^a
March 2001	4,300	742	5,042	-412	-35.7	116	298	183
2001 Refill Season								
April	4,261	992	5,253	-210	-17.5	349	70	-279
May	4,309	1,440	5,749	7	0.5	520	41	-479
June	4,310	1,882	6,193	165	9.6	490	49	-441
July	4,315	2,261	6,576	258	12.9	451	66	-385
August	4,313	2,576	6,889	377	17.1	386	79	-307
September	4,318	2,944	7,262	450	18.0	413	41	-372
October	4,310	3,144	7,454	412	15.1	282	93	-190
Total	—	—	—	—	—	2,892	439	-2,453
2001-2002 Heating Season								
November	4,301	3,254	7,555	812	33.2	210	138	-73
December	4,301	2,904	7,204	1,185	68.9	80	432	352
January	4,313	2,344	6,657	1,078	85.2	59	605	546
February	4,356	1,838	6,194	925	101.4	55	517	462
March	4,355	1,518	5,873	776	104.7	105	425	320
Total	—	—	—	—	—	510	2,117	1,607
2002 Refill Season								
April	4,355	1,659	6,014	666	67.1	237	111	-126
May	4,361	1,968	6,329	528	36.7	381	58	-323
June	4,355	2,308	6,663	426	22.6	395	56	-339
July	4,358	2,539	6,896	278	12.3	341	101	-239
August	4,357	2,773	7,130	198	7.7	322	89	-234
September	4,342	3,042	7,384	97	3.3	364	72	-292
October	4,342	3,116	7,458	-28	-0.9	229	145	-84
Total	—	—	—	—	—	2,269	633	-1,636
2002-2003 Heating Season								
November	4,344	2,929	7,273	-325	-10.0	124	322	198
December	4,340	2,375	6,715	-528	-18.2	66	624	558
January	4,342	1,534	5,876	-810	-34.5	44	886	841
February	4,334	864	5,198	-974	-53.0	48	723	676
March	4,324	730	5,054	-788	-51.9	169	305	136
Total	—	—	—	—	—	451	2,859	2,408
2003 Refill Season								
April	4,315	896	5,211	-763	-46.0	277	118	-158
May	4,322	1,300	5,622	-668	-33.9	453	41	-412
June	4,323	1,768	6,091	-540	-23.4	506	36	-470
July	4,323	2,129	6,451	-410	-16.1	426	64	-361
August	4,324	2,435	6,760	-338	-12.2	371	62	-309
September	4,328	2,843	7,171	-199	-6.5	441	31	-411
October	4,327	3,130	7,457	14	0.5	343	59	-284
Total	—	—	—	—	—	2,816	411	-2,405

^a Negative numbers indicate the volume of injections in excess of withdrawals. Positive numbers indicate the volume of withdrawals in excess of injections.

— Not Applicable.

Notes: Data through 2001 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 6 for discussion of revision policy. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period

to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia.

Sources: Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 11. Underground Natural Gas Storage - Salt Cavern Storage Fields, 1997-2003
(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Salt Cavern Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals	Net Withdrawals
1997 Total^a	—	—	—	—	—	267	274	6
1998 Total^a	—	—	—	—	—	297	275	-22
1999 Total^a	—	—	—	—	—	260	259	-1
2000 Total^a	—	—	—	—	—	296	320	24
2001								
January	71	73	144	9	13.5	32	30	-2
February	69	67	136	1	1.1	19	24	5
March	69	53	122	-16	-23.6	20	35	15
April	69	71	140	-3	-4.4	32	15	-17
May	71	85	156	8	10.4	30	14	-15
June	71	85	155	-5	-5.1	26	26	0
July	71	89	160	-8	-8.4	30	27	-3
August	71	86	157	-2	-2.7	29	30	1
September	71	100	171	0	-0.3	35	19	-16
October	71	108	180	1	0.8	35	25	-10
November	77	123	200	13	11.6	35	21	-14
December	77	115	191	43	59.4	19	28	9
Total	—	—	—	—	—	341	294	-47
2002								
January	77	93	170	19	26.2	24	46	22
February	77	74	151	7	10.9	20	38	18
March	77	65	142	12	22.3	27	36	9
April	77	77	154	6	8.1	29	17	-12
May	77	93	171	8	9.7	35	19	-16
June	77	104	181	19	22.2	32	21	-10
July	80	91	171	2	2.7	29	36	7
August	80	96	176	10	11.3	32	27	-5
September	81	102	184	2	2.2	34	27	-7
October	82	108	190	0	0.1	38	31	-7
November	75	106	181	-18	-14.3	29	28	0
December	75	102	177	-13	-10.9	30	35	4
Total	—	—	—	—	—	359	361	2
2003								
January	76	56	133	-36	-39.1	21	65	43
February	76	38	114	-37	-49.3	25	42	18
March	75	57	132	-8	-11.7	39	21	-18
April	75	72	147	-5	-6.1	34	19	-14
May	75	87	162	-6	-6.7	35	20	-15
June	75	98	172	-6	-5.7	31	20	-11
July	75	98	173	7	7.7	31	30	-1
August	75	102	177	7	6.8	27	24	-3
September	75	123	198	20	19.7	34	12	-21
October	75	130	205	22	20.1	29	21	-7

^a Total as of December 31.

— Not Applicable.

Notes: Data for 1997 through 2001 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 6 for discussion of the reporting of underground storage information. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due

to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia. Positive net withdrawals indicate the volume of withdrawals in excess of injections. Negative net withdrawals indicate the volume of injections in excess of withdrawals.

Sources: Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 12. Underground Natural Gas Storage - Storage Fields Other than Salt Caverns, 1997-2003

(Volumes in Billion Cubic Feet)

Year and Month	Natural Gas in Non-Salt Cavern Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity		
	Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals	Net Withdrawals
1997 Total^a	—	—	—	—	—	2,533	2,551	18
1998 Total^a	—	—	—	—	—	2,608	2,103	-504
1999 Total^a	—	—	—	—	—	2,338	2,512	175
2000 Total^a	—	—	—	—	—	2,388	3,178	790
2001								
January	4,273	1,192	5,465	-504	-29.7	60	558	498
February	4,259	846	5,105	-392	-31.5	55	389	334
March	4,232	688	4,920	-396	-36.3	96	264	168
April	4,192	921	5,113	-208	-17.0	317	55	-262
May	4,239	1,355	5,594	-1	0.4	490	26	-464
June	4,239	1,798	6,037	171	11.2	464	23	-441
July	4,245	2,172	6,417	266	14.4	421	39	-382
August	4,242	2,490	6,732	380	18.5	358	49	-308
September	4,247	2,844	7,091	450	19.9	378	22	-356
October	4,238	3,036	7,274	411	15.7	248	68	-180
November	4,224	3,131	7,354	799	34.3	176	117	-59
December	4,224	2,789	7,013	1,142	69.3	61	404	343
Total	—	—	—	—	—	3,123	2,015	-1,108
2002								
January	4,236	2,251	6,487	1,059	88.8	36	560	524
February	4,279	1,764	6,043	918	108.6	35	479	444
March	4,278	1,453	5,731	764	111.0	78	389	311
April	4,278	1,582	5,860	661	71.7	208	94	-114
May	4,284	1,875	6,159	520	38.4	346	39	-307
June	4,278	2,205	6,483	407	22.6	363	35	-328
July	4,278	2,448	6,725	275	12.7	312	65	-247
August	4,277	2,678	6,954	188	7.5	290	62	-228
September	4,261	2,939	7,201	95	3.3	330	45	-285
October	4,260	3,008	7,268	-28	-0.9	191	114	-77
November	4,269	2,823	7,092	-308	-9.8	95	293	198
December	4,265	2,273	6,539	-516	-18.5	36	590	554
Total	—	—	—	—	—	2,320	2,765	445
2003								
January	4,265	1,478	5,743	-773	-34.3	23	821	798
February	4,258	826	5,084	-938	-53.2	23	681	658
March	4,249	673	4,922	-780	-53.7	130	284	154
April	4,240	824	5,064	-758	-47.9	243	99	-144
May	4,247	1,213	5,461	-662	-35.3	418	21	-397
June	4,248	1,671	5,919	-534	-24.2	474	15	-459
July	4,248	2,031	6,279	-417	-17.0	395	35	-360
August	4,250	2,333	6,583	-345	-12.9	343	37	-306
September	4,253	2,720	6,973	-219	-7.4	408	19	-389
October	4,252	3,000	7,252	-8	-0.2	315	38	-277

^a Total as of December 31.

— Not Applicable.

Notes: Data for 1997 through 2001 are final. All other data are preliminary unless otherwise noted. See Explanatory Note 6 for discussion of the reporting of underground storage information. Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. This is due to changes in the quantities of native gas included in base gas and/or losses in base gas due

to migration from storage reservoirs. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia. Positive net withdrawals indicate the volume of withdrawals in excess of injections. Negative net withdrawals indicate the volume of injections in excess of withdrawals.

Sources: Form EIA-191, "Monthly Underground Gas Storage Report," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 13. Net Withdrawals from Underground Storage, by State, 2001-2003

(Volumes in Million Cubic Feet)

State	2003						
	October	September	August	July	June	May	April
Alabama	-728	-1,240	-144	-779	-742	-990	-797
Arkansas	-679	-907	-977	-752	-741	-632	-209
California	-20,167	-21,318	-9,889	-12,996	-30,296	-27,859	-13,402
Colorado	-3,062	-4,206	-6,122	-3,424	-4,683	638	773
Illinois	-32,129	-33,079	-28,871	-32,362	-32,673	-29,399	-8,980
Indiana	-3,346	-3,822	-2,907	-2,862	-3,017	-1,609	158
Iowa	-13,224	-14,850	-12,884	-10,709	-5,103	-3,694	-80
Kansas	-7,672	-15,287	-9,840	-9,728	-18,311	-11,018	-521
Kentucky	-7,149	-8,643	-7,289	-9,214	-13,017	-9,916	-2,675
Louisiana	-30,130	-41,817	-20,684	-23,420	-33,846	-28,994	-11,766
Maryland	-1,815	-160	-110	-1,363	-2,816	-2,534	-750
Michigan	-52,328	-74,175	-73,438	-92,383	-84,460	-71,124	-20,439
Minnesota	-176	-239	-259	-331	-309	0	0
Mississippi	-94	-3,571	-944	-7,197	-8,962	-8,651	-1,746
Missouri	18	-477	25	23	27	-1,524	445
Montana	-1,585	-1,551	-1,983	-2,317	-1,720	-1,041	-179
Nebraska	-814	-1,291	651	1,146	-1,004	-537	-248
New Mexico	-1,726	-30	-619	346	-605	45	-471
New York	-7,556	-9,733	-9,714	-11,871	-13,110	-9,786	-4,999
Ohio	-14,886	-25,377	-26,603	-31,747	-31,526	-31,723	-9,789
Oklahoma	-12,579	-28,604	-10,965	-11,064	-24,846	-23,041	-9,198
Oregon	-259	-1,220	-2,140	-2,348	-3,529	-113	1,174
Pennsylvania	-27,002	-51,734	-37,772	-39,413	-61,273	-69,939	-15,724
Tennessee	-46	-2	-95	-75	0	-35	0
Texas	-29,757	-33,418	-14,729	-20,073	-45,027	-34,335	-32,473
Utah	-3,807	-4,182	-2,011	-1,037	-4,308	-4,476	-7,759
Virginia	-129	-615	-823	-412	-475	-447	-268
Washington	1,266	-1,935	-2,957	-1,140	-2,415	-4,927	-412
West Virginia	-9,676	-24,067	-22,726	-32,032	-38,730	-32,162	-16,008
Wyoming	-2,733	-3,016	-2,016	-1,955	-2,139	-2,151	-2,118
AGA Regions							
Producing	-83,365	-124,874	-58,903	-72,668	-133,079	-107,616	-57,180
Eastern Consuming	-170,080	-248,025	-222,556	-263,274	-287,177	-264,428	-79,357
Western Consuming	-30,524	-37,667	-27,376	-25,547	-49,399	-39,930	-21,924
Total	-283,970	-410,566	-308,835	-361,489	-469,656	-411,974	-158,461

See footnotes at end of table.

Table 13. Net Withdrawals from Underground Storage, by State, 2001-2003

(Volumes in Million Cubic Feet) — Continued

State	2003			2002			
	March	February	January	Total	December	November	October
Alabama	-456	-420	1,789	-560	142	-396	-128
Arkansas	341	1,409	1,836	369	870	164	-19
California	12,130	49,464	33,248	15,006	42,090	-3,132	-8,108
Colorado	2,924	8,432	4,213	1,136	2,050	-216	860
Illinois	11,028	50,338	70,407	18,753	52,256	19,257	-29,678
Indiana	1,946	5,301	7,519	1,502	3,787	-35	-2,819
Iowa	4,895	13,459	21,778	4,260	19,193	-3,202	-12,941
Kansas	-4,997	20,396	25,657	18,212	15,396	10,896	2,224
Kentucky	3,213	17,123	21,305	9,663	9,187	4,857	-1,870
Louisiana	7,692	55,201	66,838	35,910	33,271	30,071	-6,114
Maryland	-124	4,003	4,738	-701	416	80	143
Michigan	42,692	128,637	157,642	100,037	97,960	46,438	-12,987
Minnesota	199	504	659	4	6	-85	-198
Mississippi	-8,327	7,791	16,204	2,987	3,567	-381	1,973
Missouri	170	555	1,218	-413	-118	-272	-294
Montana	3,666	4,732	4,353	-5,924	3,473	1,917	69
Nebraska	504	1,512	1,170	1,104	762	55	0
New Mexico	184	1,728	424	8,646	1,915	1,324	706
New York	6,003	17,730	22,151	12,907	15,589	3,803	-1,638
Ohio	10,463	43,314	62,002	27,849	46,655	17,321	-6,959
Oklahoma	13,335	32,780	38,560	36,056	22,334	9,679	3,302
Oregon	2,426	2,367	2,570	-1,684	1,198	-918	-503
Pennsylvania	8,917	77,271	119,623	50,587	75,625	9,413	-4,996
Tennessee	68	110	62	69	0	88	2
Texas	5,851	72,434	77,260	71,631	51,254	31,438	-9,965
Utah	1,240	8,305	7,036	-2,187	7,272	3,375	401
Virginia	179	496	978	393	488	274	-222
Washington	-624	7,520	3,221	-362	1,092	-1,335	1,698
West Virginia	5,161	37,668	61,978	43,394	44,494	14,592	3,632
Wyoming	4,899	5,576	4,741	-1,250	5,800	2,629	291
AGA Regions							
Producing	13,624	191,320	228,568	173,250	128,748	82,796	-8,020
Eastern Consuming	95,115	397,516	552,572	269,404	366,294	112,668	-70,626
Western Consuming	26,859	86,900	60,042	4,737	62,981	2,236	-5,490
Total	135,599	675,736	841,183	447,391	558,024	197,700	-84,135

See footnotes at end of table.

Table 13. Net Withdrawals from Underground Storage, by State, 2001-2003

(Volumes in Million Cubic Feet) — Continued

State	2002						
	September	August	July	June	May	April	March
Alabama	-64	-97	-250	2	-100	-257	271
Arkansas	-393	-390	-340	-463	-504	-47	235
California	-4,707	300	-7,074	-12,551	-20,711	-20,680	5,245
Colorado	-4,010	-6,603	-3,949	-3,290	700	-2,247	5,766
Illinois	-38,523	-36,355	-28,449	-37,470	-26,234	8,790	26,990
Indiana	-3,096	-2,706	-3,524	-2,988	-1,452	1,997	3,589
Iowa	-12,563	-12,477	-12,189	-4,981	-701	363	7,122
Kansas	-11,061	-9,211	-2,974	-11,587	-17,806	-6,721	12,651
Kentucky	-6,208	-5,606	-4,142	-7,907	-9,766	400	10,669
Louisiana	-37,513	-13,157	-6,555	-19,113	-33,062	-11,352	18,770
Maryland	44	-2,104	-2,618	-2,504	-780	427	2,121
Michigan	-49,663	-54,020	-51,389	-58,362	-39,468	-10,433	74,426
Minnesota	-299	-288	-276	0	0	134	375
Mississippi	89	-4,789	-2,822	-6,879	-8,184	-1,528	4,016
Missouri	-781	-1,096	18	13	10	215	1,089
Montana	-4,292	-5,185	-6,590	-3,915	-1,879	707	3,605
Nebraska	-922	-705	238	-601	-1,036	-261	1,628
New Mexico	-486	755	366	1,211	-1,304	87	1,131
New York	-5,554	-5,554	-7,710	-11,015	-6,751	-1,459	7,783
Ohio	-22,382	-27,004	-30,971	-32,067	-25,799	-9,911	33,060
Oklahoma	-6,868	2,172	-985	-13,006	-25,468	-13,141	13,099
Oregon	-690	-2,120	-2,679	-3,182	491	1,648	2,859
Pennsylvania	-37,856	-24,677	-29,850	-49,766	-41,830	-16,389	46,264
Tennessee	3	4	15	2	7	0	-1
Texas	-19,950	9,023	-142	-14,881	-23,862	-25,965	10,269
Utah	-3,633	-6,336	-6,807	-7,112	-7,913	-3,510	2,811
Virginia	-301	-146	-274	-289	-537	-160	383
Washington	-1,487	-956	-620	-2,918	-4,057	-3,810	849
West Virginia	-16,735	-20,483	-22,527	-29,037	-22,101	-10,731	20,896
Wyoming	-1,837	-3,702	-4,164	-3,920	-2,877	-2,081	2,175
AGA Regions							
Producing	-76,245	-15,694	-13,701	-64,716	-110,290	-58,923	60,442
Eastern Consuming	-194,538	-192,929	-193,372	-236,972	-176,437	-37,154	236,020
Western Consuming	-20,955	-24,891	-32,159	-36,888	-36,245	-29,838	23,685
Total	-291,738	-233,514	-239,233	-338,575	-322,972	-125,916	320,146

See footnotes at end of table.

Table 13. Net Withdrawals from Underground Storage, by State, 2001-2003

(Volumes in Million Cubic Feet) — Continued

State	2002		2001			
	February	January	Total	December	November	October
Alabama	108	210	-1,499	-14	-522	-293
Arkansas	770	486	-2,874	513	-87	-338
California	4,939	39,393	-64,674	25,035	616	-14,716
Colorado	7,182	4,892	-7,080	1,520	-106	706
Illinois	49,634	58,536	-25,587	46,435	-726	-25,879
Indiana	4,666	4,084	-5,910	3,832	-2,310	-4,094
Iowa	15,015	21,622	-21,435	17,655	-3,054	-11,915
Kansas	17,130	19,274	-45,586	12,165	-4,343	-1,160
Kentucky	11,384	8,665	-38,209	6,123	-52	-5,254
Louisiana	39,103	41,561	-150,239	23,713	-20,241	-11,123
Maryland	1,352	2,722	-5,307	1,508	-71	-1,349
Michigan	73,014	84,521	-203,022	65,526	-8,403	-41,694
Minnesota	332	304	-713	3	-135	-174
Mississippi	8,337	9,588	-20,286	4,212	-2,502	1,082
Missouri	825	-24	-799	266	-255	-247
Montana	2,765	3,400	-9,198	3,874	496	-1,576
Nebraska	679	1,267	-2,349	831	-45	-361
New Mexico	1,655	1,285	-9,425	651	-1,107	-206
New York	10,978	14,435	-17,144	8,569	-1,338	-3,375
Ohio	44,426	41,480	-62,723	30,969	2,925	-9,862
Oklahoma	20,976	23,962	-87,215	11,048	-2,691	-3,992
Oregon	787	1,424	-2,619	1,572	-766	0
Pennsylvania	62,974	61,675	-93,763	48,276	-9,610	-18,104
Tennessee	-1	-50	-337	1	-30	-100
Texas	27,590	36,821	-172,746	-55	-15,137	-21,142
Utah	7,407	11,857	-12,738	9,554	3,157	-291
Virginia	677	500	-1,341	277	-27	-32
Washington	4,145	7,037	-2,821	-102	145	1,030
West Virginia	39,632	41,761	-79,233	25,054	-5,366	-12,943
Wyoming	3,197	3,239	-8,701	2,853	-1,031	-2,112
AGA Regions						
Producing	115,667	133,186	-489,871	52,233	-46,629	-37,173
Eastern Consuming	315,254	341,195	-557,160	255,322	-28,361	-135,210
Western Consuming	30,755	71,547	-108,544	44,308	2,376	-17,133
Total	461,676	545,928	-1,155,575	351,862	-72,614	-189,516

Notes: This table contains total net withdrawals for each State with natural gas storage facilities. Positive numbers indicate the volume of withdrawals in excess of injections. Negative values indicate the volume of injections in excess of withdrawals. Data through 2001 are final. All other data are preliminary at this time and are not considered final until publication of the *Natural Gas Annual* for that year. The EIA publishes weekly estimates of working gas in underground storage by geographical regions developed by the American Gas Association (AGA) when they published similar

weekly estimates. The AGA Producing Region is Texas, Oklahoma, Kansas, New Mexico, Louisiana, Arkansas, Alabama and Mississippi; the Eastern Consuming Region is all States east of the Mississippi River less Mississippi and Alabama, plus Iowa, Nebraska and Missouri; the Western Consuming Region is all States west of the Mississippi River less the Producing Region and Iowa, Nebraska and Missouri.

Source: Form EIA-191, "Monthly Underground Gas Storage Report."

**Table 14. Activities of Underground Natural Gas Storage Operators, by State,
October 2003**

(Volumes in Million Cubic Feet)

State	Total Storage Capacity	Natural Gas in Underground Storage at End of Period			Change in Working Gas from Same Period Previous Year		Storage Activity	
		Base Gas	Working Gas	Total	Volume	Percent	Injections	Withdrawals
Alabama	8,520	2,975	6,284	9,259	4,421	237.3	1,128	399
Arkansas	22,000	8,715	7,681	16,396	276	3.7	726	47
California	478,995	232,331	225,742	458,072	2,419	1.1	22,145	1,978
Colorado	101,055	47,505	37,599	85,104	890	2.4	4,883	1,820
Illinois	945,307	666,338	270,223	936,561	-4,443	-1.6	33,433	1,304
Indiana	111,095	79,019	30,297	109,316	-1,347	-4.3	3,594	249
Iowa	273,200	199,550	67,579	267,129	6,598	10.8	13,232	8
Kansas	299,474	178,189	98,794	276,983	5,125	5.5	10,311	2,639
Kentucky	220,597	139,741	74,715	214,455	1,721	2.4	7,880	731
Louisiana	587,116	268,904	253,047	521,951	-1,715	-0.7	37,756	7,625
Maryland	62,000	46,677	14,770	61,448	435	3.0	2,011	197
Michigan	1,075,261	445,942	525,870	971,812	-11,071	-2.1	53,410	1,082
Minnesota	7,000	4,840	2,022	6,862	-49	-2.4	176	0
Mississippi	144,787	80,375	59,400	139,775	12,057	25.5	3,822	3,728
Missouri	32,098	21,600	10,257	31,857	161	1.6	0	18
Montana	374,201	179,072	25,722	204,794	-7,307	-22.1	4,645	3,060
Nebraska	39,469	26,194	4,772	30,966	-1,104	-18.8	940	126
New Mexico	89,800	32,132	7,704	39,837	-1,730	-18.3	2,364	639
New York	190,157	99,037	85,837	184,875	9,993	13.2	8,631	1,075
Ohio	573,709	348,821	184,464	533,285	-11,329	-5.8	16,357	1,471
Oklahoma	389,947	208,028	136,051	344,079	2,102	1.6	14,573	1,994
Oregon	23,676	9,714	13,725	23,438	793	6.1	634	375
Pennsylvania	714,417	339,824	383,092	722,916	12,581	3.4	35,150	8,148
Tennessee	1,200	340	508	848	-92	-15.3	46	0
Texas	699,472	235,443	304,349	539,791	-15,863	-5.0	43,240	13,483
Utah	129,480	64,714	48,082	112,797	264	0.6	6,727	2,920
Virginia	6,344	2,754	3,281	6,035	443	15.6	147	19
Washington	39,628	19,981	18,364	38,346	1,605	9.6	826	2,092
West Virginia	509,836	273,009	201,322	474,331	16,257	8.8	11,767	2,091
Wyoming	115,069	64,989	28,659	93,648	-7,782	-21.4	2,816	83
AGA Regions								
Producing	2,241,115	1,014,761	873,310	1,888,070	4,674	0.5	113,919	30,555
Eastern Consuming	4,754,690	2,688,846	1,856,987	4,545,833	18,803	1.0	186,597	16,517
Western Consuming	1,269,103	623,146	399,915	1,023,061	-9,167	-2.2	42,853	12,329
Total	8,264,908	4,326,753	3,130,212	7,456,965	14,309	0.5	343,370	59,400

Notes: Gas in storage at the end of a reporting period may not equal the quantity derived by adding or subtracting net injections or withdrawals during the period to the quantity of gas in storage at the beginning of the period. Totals may not equal sum of components because of independent rounding. Geographic coverage is the 50 States and the District of Columbia. The EIA publishes weekly estimates of working gas in underground storage by geographical regions developed by the American Gas Association (AGA) when they published similar weekly estimates. The AGA Producing Region

is Texas, Oklahoma, Kansas, New Mexico, Louisiana, Arkansas, Alabama and Mississippi; the Eastern Consuming Region is all States east of the Mississippi River less Mississippi and Alabama, plus Iowa, Nebraska and Missouri; the Western Consuming Region is all States west of the Mississippi River less the Producing Region and Iowa, Nebraska and Missouri.

Source: Form EIA-191, "Monthly Underground Gas Storage Report."

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2001-2003
(Million Cubic Feet)

State	YTD 2003	YTD 2002	YTD 2001	2003		
				September	August	July
Alabama	36,439	33,101	39,980	1,109	1,116	1,511
Alaska	NA	11,885	10,183	898	598	NA
Arizona	26,199	27,832	28,556	1,035	1,082	1,104
Arkansas	30,023	29,048	26,503	796	771	831
California	348,666	377,339	380,045	21,720	21,794	24,550
Colorado	80,241	NA	93,942	4,489	2,664	2,725
Connecticut	34,021	28,203	29,543	689	1,071	1,169
Delaware	8,167	6,527	7,412	192	179	214
District of Columbia	10,559	8,623	10,423	183	299	295
Florida	12,822	11,606	12,604	748	745	762
Georgia	89,645	81,183	86,923	3,659	4,159	3,677
Hawaii	415	409	407	42	45	42
Idaho	13,400	14,625	13,976	453	355	414
Illinois	333,606	308,714	302,514	11,302	9,605	9,924
Indiana	113,337	105,699	108,962	3,389	2,622	2,655
Iowa	NA	48,775	53,673	1,563	1,398	1,412
Kansas	NA	50,632	55,877	1,618	^R 1,412	1,456
Kentucky	43,771	37,349	39,047	1,485	1,053	1,166
Louisiana	NA	40,522	37,644	1,791	NA	1,798
Maine	810	658	705	28	27	26
Maryland	64,311	49,556	57,530	1,907	1,822	1,838
Massachusetts	NA	78,199	85,816	2,864	NA	2,916
Michigan	282,810	252,821	256,530	8,067	7,050	7,722
Minnesota	95,154	NA	89,777	3,319	2,700	2,704
Mississippi	NA	20,237	22,258	684	694	710
Missouri	87,661	82,684	92,006	2,466	2,113	2,311
Montana	13,999	15,060	14,193	555	413	441
Nebraska	30,669	30,899	35,743	784	902	876
Nevada	23,532	23,747	23,299	1,075	994	1,114
New Hampshire	6,109	4,961	5,287	178	162	171
New Jersey	181,236	140,298	160,277	5,180	5,131	5,624
New Mexico	NA	24,476	28,427	808	748	828
New York	NA	262,635	288,774	9,574	9,017	10,436
North Carolina	48,847	39,645	43,267	1,200	1,044	1,183
North Dakota	8,014	NA	7,085	317	228	201
Ohio	249,208	222,797	232,080	7,077	6,216	7,520
Oklahoma	52,901	51,122	51,609	1,319	1,268	1,450
Oregon	27,241	28,838	28,213	904	819	997
Pennsylvania	196,827	161,232	183,301	4,916	4,874	5,316
Rhode Island	15,893	13,095	14,558	420	468	495
South Carolina	22,740	19,793	21,984	500	498	536
South Dakota	9,192	8,751	8,890	320	226	245
Tennessee	56,083	50,959	53,334	1,278	1,098	1,279
Texas	157,024	152,056	157,874	5,779	5,563	5,843
Utah	35,695	39,460	35,889	1,856	1,355	1,359
Vermont	2,370	2,004	2,155	63	60	65
Virginia	60,069	47,878	53,884	1,514	1,511	1,585
Washington	NA	54,528	51,599	1,838	NA	^R 1,899
West Virginia	NA	20,388	23,365	NA	NA	^R 484
Wisconsin	99,338	90,045	90,614	3,452	2,599	2,673
Wyoming	8,279	NA	7,722	400	242	241
Total	3,722,556	3,399,133	3,566,259	128,267	116,965	^R 127,230

See footnotes at end of table.

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2001-2003

(Million Cubic Feet) — Continued

State	2003					
	June	May	April	March	February	January
Alabama	1,309	1,897	3,232	5,999	9,811	10,454
Alaska	NA	932	1,328	2,046	1,705	2,216
Arizona	1,344	2,057	2,963	4,852	4,836	6,926
Arkansas	923	1,480	3,043	6,369	8,066	7,745
California	27,248	35,696	45,497	50,395	60,278	61,487
Colorado	3,771	5,586	8,598	14,554	19,901	17,952
Connecticut	1,669	2,588	4,140	5,900	8,437	8,359
Delaware	346	529	955	1,548	1,995	2,206
District of Columbia	351	573	1,053	1,714	2,677	3,415
Florida	826	986	1,205	1,614	2,867	3,069
Georgia	3,853	4,659	7,233	12,040	20,574	29,792
Hawaii	41	48	47	49	50	51
Idaho	634	1,406	1,862	2,480	2,765	3,030
Illinois	11,730	17,469	35,326	59,657	82,312	96,280
Indiana	4,081	6,634	10,602	18,731	29,190	35,434
Iowa	1,816	3,119	5,598	10,447	NA	13,968
Kansas	1,695	2,789	6,300	12,405	NA	16,114
Kentucky	1,235	1,445	3,600	6,923	12,058	14,805
Louisiana	1,624	2,209	2,950	NA	10,885	11,284
Maine	29	56	106	161	177	199
Maryland	2,346	3,877	6,758	11,517	16,217	18,028
Massachusetts	4,531	7,763	13,038	19,395	23,246	21,290
Michigan	11,280	20,811	34,648	55,639	67,295	70,297
Minnesota	2,820	5,547	10,137	18,108	23,991	25,826
Mississippi	781	1,060	1,848	NA	NA	5,600
Missouri	3,125	4,749	9,071	17,792	23,460	22,573
Montana	642	1,260	1,614	2,873	2,978	3,222
Nebraska	1,068	1,730	3,359	6,620	7,468	7,863
Nevada	1,221	2,114	2,960	4,059	4,563	5,431
New Hampshire	278	499	825	1,220	1,433	1,342
New Jersey	7,239	12,194	22,293	34,235	43,657	45,683
New Mexico	1,001	1,623	NA	4,566	5,031	6,018
New York	15,806	26,800	43,761	63,978	NA	71,105
North Carolina	1,512	2,625	4,944	8,559	13,197	14,583
North Dakota	227	462	825	1,663	1,970	2,122
Ohio	9,196	15,246	26,375	46,719	62,676	68,185
Oklahoma	1,832	2,750	5,720	11,566	12,944	14,052
Oregon	1,600	3,058	3,838	4,992	5,064	5,968
Pennsylvania	7,568	12,305	22,406	38,646	49,505	51,289
Rhode Island	812	1,418	2,137	3,246	3,707	3,191
South Carolina	636	1,170	2,249	4,206	6,502	6,444
South Dakota	348	585	1,040	1,870	2,132	2,427
Tennessee	1,494	2,251	4,337	10,462	16,056	17,827
Texas	6,013	7,966	11,380	28,672	40,393	45,416
Utah	1,540	2,489	4,414	6,045	8,463	8,174
Vermont	95	188	332	483	580	504
Virginia	1,860	2,725	5,999	9,778	15,915	19,182
Washington	^R 2,919	5,102	7,061	9,371	NA	10,385
West Virginia	^R 608	1,187	2,316	4,445	6,307	NA
Wisconsin	3,301	6,258	11,862	17,965	23,499	27,729
Wyoming	400	497	1,113	1,488	1,754	2,145
Total	^R 159,197	250,467	417,364	678,179	889,459	955,428

See footnotes at end of table.

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2001-2003

(Million Cubic Feet) — Continued

State	2002					
	Total	December	November	October	September	August
Alabama	44,311	7,294	2,750	1,166	1,075	1,067
Alaska	16,732	2,144	1,448	1,255	856	612
Arizona	35,631	4,375	2,095	1,329	1,109	1,048
Arkansas	39,142	5,753	3,122	1,220	797	783
California	511,078	65,607	36,675	31,457	23,154	23,498
Colorado	NA	19,113	15,201	9,670	3,487	2,491
Connecticut	40,663	6,576	4,087	1,797	981	972
Delaware	9,105	1,492	823	262	171	162
District of Columbia	14,055	2,737	1,801	895	333	314
Florida	15,220	1,928	938	749	743	725
Georgia	127,872	25,175	15,904	5,610	3,679	3,598
Hawaii	539	48	46	36	44	42
Idaho	20,380	2,740	2,149	866	457	360
Illinois	465,543	74,419	52,978	29,433	10,088	9,170
Indiana	155,738	26,877	15,529	7,634	2,871	2,953
Iowa	71,486	11,126	7,625	3,960	1,417	1,408
Kansas	71,002	10,617	7,335	2,418	1,413	1,352
Kentucky	^R 59,247	^R 11,773	7,056	3,069	1,089	1,103
Louisiana	53,675	8,047	3,192	1,914	1,737	1,684
Maine	^R 997	169	103	66	26	26
Maryland	80,447	16,143	9,715	5,034	1,931	1,640
Massachusetts	NA	NA	10,449	4,432	2,706	2,334
Michigan	364,741	56,234	37,918	17,768	7,238	6,428
Minnesota	NA	20,302	15,925	10,147	3,314	NA
Mississippi	NA	4,052	NA	769	694	693
Missouri	115,721	17,994	10,955	4,087	2,389	2,075
Montana	21,605	2,831	2,262	1,453	560	451
Nebraska	43,033	6,219	4,217	1,698	881	735
Nevada	32,003	4,226	2,603	1,428	1,081	940
New Hampshire	6,978	1,071	665	279	169	145
New Jersey	208,910	36,647	21,943	10,021	5,117	4,635
New Mexico	^R 33,125	4,850	2,661	1,138	830	810
New York	374,539	57,945	36,707	17,253	9,721	9,188
North Carolina	58,973	10,941	6,327	2,060	1,045	889
North Dakota	NA	1,692	1,287	1,046	282	NA
Ohio	324,416	53,474	31,831	16,314	6,057	6,084
Oklahoma	68,285	9,806	5,486	1,871	1,468	1,700
Oregon	38,866	5,167	3,424	1,436	931	840
Pennsylvania	237,640	40,690	24,408	11,310	5,155	4,465
Rhode Island	^R 17,846	^R 2,546	1,580	625	431	424
South Carolina	27,757	5,315	2,040	610	499	482
South Dakota	12,861	1,693	1,487	930	284	239
Tennessee	71,279	12,749	5,712	1,860	1,131	1,089
Texas	211,601	32,982	17,808	8,757	5,685	5,629
Utah	58,895	8,257	6,702	4,475	2,001	1,412
Vermont	2,761	385	274	98	63	58
Virginia	76,982	15,315	9,465	4,325	1,585	1,635
Washington	73,752	9,204	6,861	3,158	1,893	1,675
West Virginia	^R 30,511	5,256	3,325	1,541	544	444
Wisconsin	136,129	20,800	15,669	9,616	2,875	2,656
Wyoming	NA	1,844	1,372	885	396	183
Total	^R4,905,867	^R771,983	483,523	251,228	124,485	116,617

See footnotes at end of table.

Table 15. Natural Gas Deliveries to Residential Consumers, by State, 2001-2003
(Million Cubic Feet) — Continued

State	2002					
	July	June	May	April	March	February
Alabama	1,094	1,376	1,606	3,315	7,033	7,640
Alaska	436	1,231	989	1,453	2,185	1,998
Arizona	1,108	1,384	1,718	2,678	4,531	6,659
Arkansas	835	1,066	1,510	3,707	6,174	6,960
California	24,896	26,372	34,653	43,114	58,010	64,134
Colorado	2,556	2,635	5,094	NA	17,031	19,643
Connecticut	964	1,431	2,379	3,952	4,983	6,345
Delaware	191	265	460	909	1,286	1,385
District of Columbia	314	347	559	798	1,648	1,988
Florida	779	836	909	1,252	1,954	1,893
Georgia	3,707	3,766	4,895	5,842	13,905	19,447
Hawaii	45	41	44	49	48	48
Idaho	391	697	1,237	1,795	2,797	3,442
Illinois	9,527	12,241	23,423	42,614	65,402	64,032
Indiana	2,634	4,167	8,643	14,105	21,786	21,741
Iowa	1,322	1,864	3,521	6,509	10,467	10,288
Kansas	1,463	1,988	2,965	6,316	10,662	11,197
Kentucky	1,032	1,129	1,691	3,667	8,162	9,346
Louisiana	1,803	2,010	2,179	4,361	7,700	9,214
Maine	25	^R 30	49	88	134	138
Maryland	1,635	2,059	3,088	4,739	9,705	11,885
Massachusetts	3,231	4,519	6,854	10,259	14,639	16,360
Michigan	7,505	13,734	23,198	35,940	49,969	49,807
Minnesota	2,998	3,474	7,835	10,885	19,906	16,809
Mississippi	728	745	839	2,147	4,154	4,776
Missouri	2,353	3,148	5,173	10,616	16,977	18,792
Montana	454	785	1,412	2,079	3,207	2,799
Nebraska	893	1,156	1,839	4,222	6,223	6,220
Nevada	1,033	1,296	1,753	2,405	3,726	5,642
New Hampshire	212	303	445	653	934	1,053
New Jersey	4,968	6,250	9,956	17,515	27,256	30,266
New Mexico	817	958	1,266	2,647	4,947	^R 6,077
New York	9,726	13,835	23,395	34,191	51,006	53,782
North Carolina	1,019	1,456	1,771	4,110	7,872	9,570
North Dakota	195	248	641	1,028	1,761	1,455
Ohio	7,578	9,957	16,819	29,556	45,239	47,494
Oklahoma	1,711	2,187	2,978	6,630	10,581	11,106
Oregon	993	1,613	2,776	3,851	5,257	6,096
Pennsylvania	5,177	7,274	12,211	22,201	31,731	33,339
Rhode Island	476	783	1,268	1,858	2,282	2,648
South Carolina	538	721	832	1,901	4,261	4,632
South Dakota	224	326	757	1,231	1,941	1,726
Tennessee	1,196	1,667	2,087	5,347	11,326	12,157
Texas	5,901	5,981	6,575	14,383	29,919	38,418
Utah	1,412	1,574	2,277	3,244	7,740	9,276
Vermont	64	119	182	312	346	441
Virginia	1,519	1,976	2,773	4,365	9,394	11,104
Washington	1,972	3,142	5,537	7,879	10,270	11,229
West Virginia	532	528	1,602	2,616	4,485	^R 4,768
Wisconsin	2,587	3,458	7,853	11,317	20,423	17,975
Wyoming	509	453	815	1,269	NA	^R 1,725
Total	125,277	^R160,603	255,329	415,926	665,207	^R716,961

^R Revised Data.

NA Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 7 for discussion of computations and

revision policy.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2001-2003
(Million Cubic Feet)

State	YTD 2003	YTD 2002	YTD 2001	2003		
				September	August	July
Alabama	20,145	18,442	20,913	1,164	1,137	1,234
Alaska	14,029	11,071	10,139	1,577	1,354	1,276
Arizona	23,704	24,874	23,488	1,840	1,931	1,953
Arkansas	24,977	24,871	23,353	1,360	^R 1,324	1,392
California	NA	185,755	183,033	15,956	16,299	16,716
Colorado	40,413	NA	50,155	2,698	1,758	1,775
Connecticut	27,896	NA	33,406	1,379	1,437	1,570
Delaware	NA	5,348	4,473	298	270	289
District of Columbia	12,861	12,218	13,014	693	985	836
Florida	NA	39,034	37,427	4,048	NA	3,995
Georgia	38,144	36,253	37,044	2,160	2,089	2,740
Hawaii	1,314	1,279	1,338	145	137	145
Idaho	8,525	11,067	10,129	439	356	378
Illinois	148,011	140,884	137,438	7,737	6,326	6,770
Indiana	62,931	55,785	57,934	3,034	1,881	2,359
Iowa	NA	32,080	33,929	1,464	1,253	1,264
Kansas	28,790	28,092	30,289	1,194	^R 1,173	1,264
Kentucky	29,370	24,308	26,130	1,211	1,087	1,088
Louisiana	NA	17,554	22,160	911	870	975
Maine	3,193	NA	1,915	199	182	151
Maryland	49,985	42,642	44,029	3,069	3,117	3,054
Massachusetts	54,659	46,951	47,968	2,756	^R 2,558	2,562
Michigan	139,107	123,058	131,922	5,147	5,475	5,323
Minnesota	71,389	NA	68,818	3,490	2,318	3,509
Mississippi	NA	15,425	16,682	1,119	977	1,123
Missouri	48,426	46,737	50,647	2,280	2,110	1,923
Montana	9,878	10,521	9,603	362	443	452
Nebraska	21,290	20,827	21,702	936	1,107	998
Nevada	16,338	16,943	17,024	1,322	1,099	1,223
New Hampshire	NA	6,143	5,832	444	334	323
New Jersey	122,901	105,425	105,051	7,394	6,507	7,108
New Mexico	18,516	19,228	18,863	981	918	977
New York	221,983	259,366	257,161	15,730	15,302	15,097
North Carolina	32,809	27,866	29,335	1,791	1,603	1,639
North Dakota	7,401	NA	7,052	363	279	265
Ohio	129,220	113,349	130,725	5,132	4,337	4,274
Oklahoma	30,333	31,801	34,025	1,323	1,301	1,281
Oregon	19,368	21,564	21,000	1,044	979	1,059
Pennsylvania	116,367	102,070	102,535	4,659	4,763	5,023
Rhode Island	NA	10,529	10,016	256	NA	NA
South Carolina	16,784	15,519	15,990	1,164	1,145	1,149
South Dakota	7,191	6,931	6,952	329	282	264
Tennessee	45,972	38,253	41,922	2,737	2,363	2,380
Texas	134,111	144,863	134,432	10,105	^R 11,368	11,075
Utah	20,562	23,459	20,962	1,231	961	892
Vermont	2,088	1,786	1,935	76	75	71
Virginia	NA	43,265	44,382	2,831	2,925	2,855
Washington	NA	39,184	36,856	1,983	NA	^R 1,976
West Virginia	NA	16,652	18,903	NA	NA	NA
Wisconsin	60,383	55,861	55,561	2,671	2,102	2,150
Wyoming	6,487	7,648	6,869	355	273	264
Total	2,298,390	2,237,661	2,272,464	133,157	^R127,434	^R129,069

See footnotes at end of table.

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2001-2003

(Million Cubic Feet) — Continued

State	2003					
	June	May	April	March	February	January
Alabama	1,209	1,508	1,948	3,000	4,466	4,479
Alaska	1,265	1,277	1,627	1,843	1,637	2,174
Arizona	2,044	2,429	2,802	3,373	3,330	4,002
Arkansas	1,410	1,754	2,583	4,432	5,599	5,123
California	17,260	20,332	22,009	24,905	NA	NA
Colorado	2,373	2,807	4,526	7,272	9,018	8,185
Connecticut	1,706	2,065	3,584	4,542	5,540	6,074
Delaware	331	428	712	1,002	1,416	NA
District of Columbia	800	1,027	1,499	2,017	2,456	2,548
Florida	4,105	4,337	4,585	4,948	5,671	5,469
Georgia	2,612	2,302	3,540	4,810	7,727	10,162
Hawaii	142	143	144	146	150	161
Idaho	485	840	1,104	1,472	1,638	1,812
Illinois	6,186	9,073	15,427	25,986	33,167	37,339
Indiana	2,606	3,951	5,541	10,132	15,384	18,043
Iowa	1,504	2,012	3,735	6,519	NA	8,265
Kansas	1,336	1,671	2,959	5,701	6,708	6,784
Kentucky	1,191	1,533	3,059	5,293	6,977	7,930
Louisiana	929	1,073	1,530	NA	NA	2,578
Maine	219	205	414	560	R580	R683
Maryland	3,290	3,923	5,810	7,302	9,548	10,870
Massachusetts	5,597	4,208	7,411	8,147	10,959	10,462
Michigan	6,149	10,197	17,590	26,544	30,626	32,055
Minnesota	2,564	5,358	7,975	12,326	16,315	17,534
Mississippi	1,116	1,194	1,498	NA	NA	3,590
Missouri	2,350	3,061	4,875	9,142	11,638	11,049
Montana	614	930	1,220	1,943	1,978	1,936
Nebraska	1,126	1,582	2,476	4,077	4,715	4,273
Nevada	1,288	1,725	1,997	2,376	2,475	2,832
New Hampshire	413	601	949	1,367	NA	NA
New Jersey	6,507	9,756	14,743	20,728	24,976	25,181
New Mexico	1,173	1,660	2,405	3,130	3,382	3,890
New York	13,303	17,593	23,904	36,670	42,935	41,449
North Carolina	1,764	2,382	3,408	4,991	7,375	7,856
North Dakota	203	377	598	1,537	1,832	1,947
Ohio	4,689	7,031	14,358	23,536	29,645	36,218
Oklahoma	1,378	2,014	3,438	6,067	6,895	6,637
Oregon	1,413	2,093	2,550	3,191	3,295	3,745
Pennsylvania	5,690	7,805	13,373	20,545	25,661	28,848
Rhode Island	460	757	1,190	1,744	1,972	1,849
South Carolina	1,154	1,421	1,762	2,345	3,220	3,425
South Dakota	325	454	790	1,383	1,651	1,713
Tennessee	2,593	3,088	3,897	7,314	10,384	11,218
Texas	9,904	11,958	12,724	18,908	22,931	25,137
Utah	1,017	1,580	2,564	3,344	4,525	4,449
Vermont	94	157	302	397	486	429
Virginia	2,679	3,556	4,841	7,323	NA	11,330
Washington	2,612	3,641	4,670	5,634	5,884	6,489
West Virginia	819	NA	NA	NA	3,620	3,964
Wisconsin	2,274	3,280	6,607	11,162	14,337	15,800
Wyoming	399	536	901	1,099	1,307	1,353
Total	134,670	175,779	255,632	379,904	R472,912	R489,832

See footnotes at end of table.

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2001-2003

(Million Cubic Feet) — Continued

State	2002					
	Total	December	November	October	September	August
Alabama	24,826	3,324	1,858	1,201	1,078	1,096
Alaska	16,903	2,308	1,853	1,671	799	669
Arizona	32,836	3,447	2,521	1,994	1,915	1,891
Arkansas	33,255	3,834	2,786	1,763	1,355	1,387
California	245,334	22,450	18,471	18,657	16,290	17,840
Colorado	NA	9,059	7,228	5,014	2,223	1,731
Connecticut	NA	5,581	3,471	2,443	1,838	1,932
Delaware	7,487	1,101	683	356	280	270
District of Columbia	NA	NA	2,046	1,271	857	838
Florida	51,954	5,102	4,142	3,676	3,823	3,679
Georgia	52,821	9,069	4,704	2,794	2,085	2,138
Hawaii	1,720	151	146	144	144	138
Idaho	14,779	1,686	1,326	699	476	380
Illinois	205,952	28,990	21,752	14,326	7,862	6,770
Indiana	83,386	13,468	8,694	5,439	2,541	2,617
Iowa	46,248	6,639	4,877	2,652	1,847	1,232
Kansas	38,812	5,065	3,707	1,948	1,281	1,463
Kentucky	36,329	5,932	3,931	2,157	1,058	1,123
Louisiana	24,301	2,735	2,150	1,862	1,873	1,412
Maine	NA	NA	NA	NA	459	328
Maryland	64,711	10,259	7,154	4,656	3,343	2,388
Massachusetts	^R 65,983	^R 8,598	^R 4,891	^R 5,543	^R 3,415	^R 2,375
Michigan	173,019	24,214	16,312	9,435	5,442	5,010
Minnesota	NA	14,151	10,890	7,811	3,848	NA
Mississippi	NA	2,608	NA	1,202	1,087	785
Missouri	64,806	8,549	5,796	3,724	2,077	1,920
Montana	14,612	1,744	1,432	914	440	413
Nebraska	27,870	3,528	2,297	1,218	965	929
Nevada	22,904	2,540	1,936	1,485	1,255	1,190
New Hampshire	^R 8,773	^R 1,344	^R 917	^R 369	^R 437	^R 193
New Jersey	150,653	22,805	13,465	8,958	8,381	5,972
New Mexico	25,044	3,006	1,691	1,119	778	953
New York	363,004	42,827	38,156	22,655	21,083	23,416
North Carolina	40,143	6,200	3,648	2,429	1,625	1,440
North Dakota	NA	1,611	1,310	1,017	363	NA
Ohio	163,260	24,518	16,203	9,189	4,403	4,288
Oklahoma	41,076	4,830	2,942	1,504	1,512	1,519
Oregon	28,530	3,335	2,345	1,286	1,082	1,008
Pennsylvania	148,346	22,449	14,434	9,393	5,414	5,316
Rhode Island	14,482	1,904	1,286	763	561	522
South Carolina	21,328	2,901	1,715	1,192	1,123	1,047
South Dakota	10,252	1,374	1,185	762	314	266
Tennessee	52,567	7,936	4,027	2,350	2,143	1,928
Texas	NA	22,819	NA	13,108	10,586	12,042
Utah	33,894	4,454	3,627	2,353	1,266	998
Vermont	2,470	332	238	114	83	75
Virginia	63,896	9,692	6,667	4,272	2,657	2,650
Washington	51,868	5,724	4,439	2,521	1,937	1,904
West Virginia	23,072	3,231	2,319	870	884	966
Wisconsin	85,132	12,935	9,858	6,478	3,025	2,976
Wyoming	11,069	1,495	1,159	767	391	220
Total	^R3,154,119	^R417,428	^R299,150	^R199,881	^R142,006	^R137,667

See footnotes at end of table.

Table 16. Natural Gas Deliveries to Commercial Consumers, by State, 2001-2003

(Million Cubic Feet) — Continued

State	2002					
	July	June	May	April	March	February
Alabama	1,073	1,185	1,353	1,901	3,226	3,530
Alaska	590	933	810	1,688	1,831	1,782
Arizona	1,976	2,152	2,399	2,779	3,482	3,992
Arkansas	1,752	1,558	1,934	2,967	4,395	4,857
California	17,229	17,778	20,446	20,574	22,685	24,573
Colorado	1,691	1,716	3,020	NA	8,062	9,076
Connecticut	1,800	1,855	2,263	3,804	4,916	NA
Delaware	259	298	453	697	942	1,003
District of Columbia	824	797	969	1,247	2,030	2,204
Florida	3,837	3,949	4,011	4,478	5,175	4,782
Georgia	2,176	2,172	2,670	3,032	5,910	7,633
Hawaii	147	146	139	143	138	138
Idaho	366	561	870	1,386	2,091	2,493
Illinois	6,783	7,135	11,256	19,182	24,854	26,191
Indiana	2,160	2,720	3,750	6,995	10,863	11,356
Iowa	1,275	1,521	2,086	3,885	6,436	6,362
Kansas	1,424	1,327	1,750	3,223	5,301	5,633
Kentucky	1,097	1,011	1,825	2,418	5,028	5,275
Louisiana	1,420	1,467	1,121	1,660	2,956	2,775
Maine	NA	365	NA	R439	679	701
Maryland	2,440	2,776	3,166	4,450	7,634	8,057
Massachusetts	R2,729	R3,763	R4,438	R5,886	R6,808	R8,878
Michigan	5,484	7,380	11,311	17,809	20,604	24,282
Minnesota	3,356	3,423	6,149	9,366	R14,564	R12,450
Mississippi	1,068	974	1,023	1,691	2,557	3,146
Missouri	2,016	2,218	4,053	5,728	8,756	9,749
Montana	425	584	977	1,449	2,076	1,898
Nebraska	975	1,268	1,670	3,063	4,044	4,328
Nevada	1,208	1,373	1,575	1,798	2,730	2,789
New Hampshire	R399	R436	R557	R700	R1,104	R1,149
New Jersey	6,158	6,522	10,873	12,326	15,632	18,908
New Mexico	962	1,208	1,627	2,395	3,415	3,981
New York	23,454	20,772	22,035	29,901	38,759	41,017
North Carolina	1,512	1,880	1,902	2,856	4,775	5,587
North Dakota	282	286	656	980	NA	1,374
Ohio	4,704	5,800	9,441	14,847	22,737	24,083
Oklahoma	1,417	1,652	2,235	3,959	5,630	6,986
Oregon	1,090	1,430	2,042	2,642	3,449	3,969
Pennsylvania	5,128	5,914	8,607	13,508	17,923	19,523
Rhode Island	570	694	1,008	1,328	1,697	1,897
South Carolina	1,081	1,162	1,284	1,607	2,461	2,739
South Dakota	277	310	555	968	1,414	1,309
Tennessee	1,884	2,355	2,599	4,325	6,459	7,390
Texas	11,447	11,431	12,551	15,635	21,054	22,042
Utah	953	1,057	1,627	2,239	4,189	5,275
Vermont	72	108	161	249	294	383
Virginia	2,603	2,765	3,598	4,231	7,654	8,130
Washington	2,061	2,778	3,769	5,211	6,184	6,765
West Virginia	924	1,068	1,517	2,097	3,025	3,004
Wisconsin	2,281	2,597	4,513	6,634	11,404	10,392
Wyoming	470	420	630	1,000	1,391	1,288
Total	R137,620	R147,049	R191,673	R267,425	R373,234	R402,217

^R Revised Data.

NA Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia. Gas volumes delivered for use as vehicle fuel are included in the annual

total but not in the monthly components. See Appendix A, Explanatory Note 7 for discussion of computations and revision policy.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2001-2003
(Million Cubic Feet)

State	YTD 2003	YTD 2002	YTD 2001	2003		
				September	August	July
Alabama	111,592	120,852	117,003	11,475	11,973	11,693
Alaska	51,313	51,287	51,863	5,908	6,280	6,200
Arizona	12,167	NA	16,767	1,194	1,280	1,204
Arkansas	81,471	86,601	87,839	7,930	^R 7,281	7,104
California	502,634	527,990	485,756	62,771	59,553	55,614
Colorado	NA	NA	44,669	7,442	9,146	9,752
Connecticut	19,901	22,806	19,948	1,774	2,181	1,943
Delaware	11,569	NA	14,645	1,218	1,080	914
District of Columbia	0	0	0	(—)	0	0
Florida	NA	72,280	70,742	NA	4,827	5,531
Georgia	101,253	108,683	102,915	11,164	10,795	10,705
Hawaii	336	368	412	36	37	38
Idaho ^a	18,415	NA	22,817	1,910	1,545	1,633
Illinois	194,038	NA	205,573	17,013	16,140	16,153
Indiana	178,925	184,584	186,451	18,216	17,687	16,666
Iowa	66,537	64,918	67,998	7,027	6,478	6,437
Kansas	78,350	79,155	71,749	9,987	^R 9,145	9,750
Kentucky	71,373	72,627	70,591	7,410	7,100	6,652
Louisiana	512,108	524,776	536,521	56,613	57,887	56,026
Maine	2,375	3,591	7,934	215	217	278
Maryland	NA	19,951	20,528	1,481	NA	NA
Massachusetts	NA	63,545	63,255	NA	NA	5,216
Michigan	166,782	177,456	168,536	13,373	14,654	13,732
Minnesota	66,055	69,517	67,592	6,073	6,520	6,384
Mississippi	77,355	84,275	75,310	8,003	6,990	7,082
Missouri	46,537	48,608	50,221	4,436	4,981	3,476
Montana	13,290	NA	15,303	1,234	1,086	1,122
Nebraska	28,132	31,230	30,318	3,968	4,145	4,336
Nevada	7,798	8,058	8,250	764	781	775
New Hampshire	NA	6,453	6,036	378	583	538
New Jersey	59,383	NA	64,239	5,536	5,684	5,989
New Mexico	15,342	14,744	27,394	1,915	1,352	1,590
New York	NA	67,881	64,277	10,652	NA	10,228
North Carolina	66,282	72,680	63,065	7,058	7,018	6,157
North Dakota	9,001	10,084	14,111	1,045	585	812
Ohio	213,050	230,290	217,568	19,753	20,234	19,403
Oklahoma	84,863	85,553	116,129	9,352	9,629	9,168
Oregon	48,948	54,225	51,992	5,647	5,429	5,234
Pennsylvania	139,815	144,356	146,995	13,847	^R 14,280	13,530
Rhode Island	3,301	1,885	4,449	284	278	253
South Carolina	55,947	73,216	56,345	6,122	5,981	5,613
South Dakota	7,993	2,520	3,171	396	744	803
Tennessee	83,963	87,665	85,937	7,466	7,946	7,749
Texas	1,271,614	1,371,553	1,594,153	143,313	160,603	170,152
Utah	18,503	19,574	25,601	1,950	1,955	1,912
Vermont	1,686	2,190	1,784	179	171	152
Virginia	49,960	57,165	45,617	4,959	3,864	4,871
Washington	NA	51,391	51,854	5,211	NA	NA
West Virginia	NA	33,182	29,591	NA	NA	NA
Wisconsin	101,997	100,743	98,637	9,301	8,896	8,395
Wyoming	36,641	30,906	27,192	3,709	3,559	3,727
Total	5,086,374	5,389,900	5,477,640	538,545	^R552,174	551,492

See footnotes at end of table.

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2001-2003
(Million Cubic Feet) — Continued

State	2003					
	June	May	April	March	February	January
Alabama	11,202	12,158	12,181	12,615	13,738	14,557
Alaska	6,290	6,259	6,370	5,292	4,386	4,328
Arizona	1,271	1,299	1,377	1,510	1,456	1,575
Arkansas	8,674	9,119	9,723	9,575	10,429	11,636
California	55,575	54,026	52,529	56,975	53,341	52,249
Colorado	7,687	10,710	7,789	10,445	12,398	NA
Connecticut	1,750	2,017	2,472	2,487	2,428	2,849
Delaware	944	818	922	1,381	1,880	2,412
District of Columbia	0	0	0	0	0	0
Florida	5,217	5,824	5,633	5,616	NA	NA
Georgia	9,537	11,439	12,024	10,952	11,701	12,936
Hawaii	36	35	38	40	36	40
Idaho ^a	2,006	2,009	2,210	2,404	2,204	2,493
Illinois	17,865	19,020	21,870	26,162	28,737	31,078
Indiana	16,551	18,105	19,223	21,778	24,137	26,563
Iowa	6,427	6,868	7,049	7,931	9,747	8,572
Kansas	7,159	7,962	7,083	8,292	8,971	10,000
Kentucky	6,616	7,381	7,044	8,099	9,711	11,359
Louisiana	49,753	60,073	60,281	55,684	55,001	60,789
Maine	202	205	228	276	330	424
Maryland	1,355	1,580	2,408	2,026	2,140	2,248
Massachusetts	3,350	6,055	^R 4,602	^R 6,228	^R 4,984	^R 9,284
Michigan	13,764	15,790	19,507	22,977	26,375	26,609
Minnesota	6,305	6,576	7,148	7,990	9,626	9,432
Mississippi	8,557	8,106	8,510	8,585	9,793	11,729
Missouri	4,026	4,377	4,924	6,098	6,923	7,297
Montana	1,403	1,310	1,842	1,858	1,989	1,447
Nebraska	1,805	2,600	^R 2,492	2,470	3,071	3,245
Nevada	822	846	1,005	1,000	766	1,039
New Hampshire	459	653	697	747	NA	NA
New Jersey	5,801	7,744	6,496	7,136	7,313	7,684
New Mexico	1,634	1,734	1,795	1,774	1,781	1,766
New York	8,643	8,868	12,547	14,941	NA	14,479
North Carolina	5,828	6,931	7,497	7,616	9,278	8,898
North Dakota	1,181	1,197	1,071	944	778	1,388
Ohio	18,652	22,211	23,385	27,287	29,597	32,528
Oklahoma	8,055	8,645	9,414	9,473	9,675	11,453
Oregon	4,945	5,395	5,250	5,589	5,514	5,945
Pennsylvania	12,591	13,719	15,475	17,252	18,924	20,197
Rhode Island	462	309	396	438	448	434
South Carolina	5,210	6,168	6,615	5,767	6,940	7,531
South Dakota	806	851	1,001	^R 1,068	^R 1,200	^R 1,123
Tennessee	9,356	9,625	10,177	10,302	10,404	10,937
Texas	121,667	127,619	129,114	134,280	137,228	147,638
Utah	1,902	1,934	2,022	2,187	2,240	2,400
Vermont	173	236	264	176	121	215
Virginia	6,250	7,152	4,138	6,258	6,306	6,166
Washington	4,607	5,071	5,661	5,847	5,588	6,080
West Virginia	3,178	3,373	3,446	NA	3,990	4,143
Wisconsin	8,800	9,905	11,684	13,030	15,374	16,611
Wyoming	3,855	3,896	4,206	4,550	3,622	5,518
Total	490,205	535,806	^R550,836	^R587,362	^R620,945	^R659,008

See footnotes at end of table.

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2001-2003

(Million Cubic Feet) — Continued

State	2002					
	Total	December	November	October	September	August
Alabama	161,412	14,452	12,714	13,395	12,893	12,661
Alaska	65,354	4,298	4,563	5,207	5,536	6,106
Arizona	NA	1,712	NA	1,312	1,123	1,159
Arkansas	117,903	10,663	10,396	10,243	9,352	9,048
California	719,060	61,111	61,716	68,243	62,073	66,371
Colorado	NA	NA	NA	NA	NA	NA
Connecticut	^R 30,993	^R 2,781	2,865	2,540	2,048	2,068
Delaware	NA	NA	NA	NA	NA	1,673
District of Columbia	0	0	0	0	0	0
Florida	95,920	7,733	7,746	8,161	7,500	7,814
Georgia	145,243	12,393	12,240	11,928	11,635	12,631
Hawaii	475	37	35	35	36	42
Idaho ^a	NA	2,425	2,347	2,385	2,185	NA
Illinois	NA	26,771	24,986	23,786	18,360	19,300
Indiana	254,382	25,090	22,870	21,838	19,445	19,534
Iowa	90,401	8,920	9,120	7,443	6,477	6,519
Kansas	108,065	10,304	10,413	8,194	11,168	12,665
Kentucky	100,902	9,706	9,627	8,942	7,589	6,508
Louisiana	726,009	70,411	69,501	61,321	57,128	57,819
Maine	^R 6,032	^R 857	^R 897	^R 687	^R 62	^R 614
Maryland	NA	2,509	NA	2,155	1,854	2,293
Massachusetts	^R 85,236	^R 8,094	^R 7,377	^R 6,219	^R 6,049	^R 7,816
Michigan	236,820	23,516	19,902	15,945	14,669	17,142
Minnesota	^R 96,912	9,574	9,568	8,253	6,493	^R 7,740
Mississippi	115,785	11,196	10,306	10,008	8,797	9,413
Missouri	66,914	6,295	5,955	6,056	4,280	4,518
Montana	NA	NA	2,150	1,863	1,646	1,367
Nebraska	40,143	3,178	2,913	2,822	4,393	4,910
Nevada	11,168	1,074	999	1,037	896	862
New Hampshire	^R 8,141	^R 1,050	^R 378	^R 260	^R 530	^R 396
New Jersey	NA	7,776	7,060	6,391	6,011	7,132
New Mexico	19,840	1,605	1,845	1,646	1,635	1,433
New York	91,727	8,494	8,237	7,116	6,389	6,398
North Carolina	98,980	8,889	8,801	8,610	7,745	7,827
North Dakota	13,028	999	914	1,030	908	919
Ohio	317,701	31,608	29,025	26,778	22,411	24,220
Oklahoma	117,864	11,379	11,040	9,893	9,091	9,981
Oregon	72,039	6,150	5,856	5,808	5,507	5,612
Pennsylvania	197,661	19,257	17,729	16,319	14,254	14,592
Rhode Island	2,696	205	332	273	229	211
South Carolina	97,673	8,002	8,339	8,115	7,288	7,740
South Dakota	3,966	506	546	394	271	215
Tennessee	^R 117,435	10,296	10,290	9,183	7,800	8,951
Texas	1,748,531	128,650	121,771	126,557	134,224	146,959
Utah	26,888	2,489	2,410	2,415	2,118	2,041
Vermont	3,013	279	281	263	193	194
Virginia	NA	5,158	NA	NA	6,582	7,421
Washington	68,985	5,874	5,978	5,741	5,132	4,980
West Virginia	45,823	4,230	4,116	4,295	3,125	3,640
Wisconsin	139,326	14,561	12,584	11,438	8,630	8,609
Wyoming	42,660	3,873	4,096	3,785	3,099	3,341
Total	^R7,221,682	^R634,501	^R605,964	^R591,317	^R550,012	^R584,373

See footnotes at end of table.

Table 17. Natural Gas Deliveries to Industrial Consumers, by State, 2001-2003

(Million Cubic Feet) — Continued

State	2002					
	July	June	May	April	March	February
Alabama	12,587	13,065	13,466	13,610	14,497	13,972
Alaska	6,703	6,640	5,909	4,759	4,595	5,304
Arizona	1,164	1,156	1,158	1,193	NA	1,426
Arkansas	7,669	9,000	9,630	9,778	9,795	11,293
California	63,160	54,341	55,260	54,374	61,534	49,783
Colorado	NA	NA	NA	NA	^R 13,988	NA
Connecticut	2,450	2,280	2,406	^R 2,185	^R 3,075	^R 3,004
Delaware	1,572	1,132	1,181	1,554	1,838	1,805
District of Columbia	0	0	0	0	0	0
Florida	7,455	6,847	8,171	9,243	8,777	8,168
Georgia	11,761	11,545	12,231	11,763	12,964	11,756
Hawaii	47	36	43	42	39	40
Idaho ^a	NA	2,065	2,299	2,377	2,561	2,553
Illinois	NA	19,888	22,448	24,491	26,897	26,026
Indiana	19,189	17,091	18,569	20,499	23,325	22,843
Iowa	5,992	5,992	7,309	7,802	8,132	7,902
Kansas	9,299	7,579	7,861	6,888	8,093	7,505
Kentucky	6,915	7,165	8,120	8,023	9,089	9,204
Louisiana	57,979	54,357	55,116	56,210	61,785	59,384
Maine	^R 74	^R 730	^R 513	^R 524	^R 187	^R 615
Maryland	2,264	2,067	1,772	2,128	2,765	2,396
Massachusetts	^R 4,153	^R 6,277	^R 6,068	^R 7,280	^R 9,114	^R 8,633
Michigan	18,046	18,358	19,401	21,968	20,956	23,834
Minnesota	^R 6,285	6,735	6,942	7,848	^R 9,374	^R 8,631
Mississippi	9,637	8,945	9,181	9,128	10,251	9,194
Missouri	4,444	4,489	5,657	5,702	6,617	5,864
Montana	1,311	1,508	1,622	NA	1,881	2,074
Nebraska	5,647	1,876	2,823	2,757	2,339	3,177
Nevada	833	870	819	978	890	813
New Hampshire	^R 876	^R 554	^R 738	^R 803	^R 831	^R 970
New Jersey	NA	6,277	6,559	6,723	7,380	7,948
New Mexico	1,507	1,543	1,543	1,750	1,777	1,694
New York	6,235	6,610	7,112	8,196	8,863	9,008
North Carolina	7,086	7,290	8,057	7,848	9,019	8,855
North Dakota	1,001	1,403	1,130	1,071	1,119	1,117
Ohio	23,047	23,939	26,393	25,592	27,129	27,434
Oklahoma	9,796	7,761	8,806	9,326	9,792	9,681
Oregon	5,343	5,383	5,890	5,816	6,424	6,466
Pennsylvania	13,748	14,444	15,570	16,396	18,527	17,703
Rhode Island	185	224	222	213	218	202
South Carolina	7,696	8,224	8,296	8,133	8,645	8,504
South Dakota	188	194	234	290	436	318
Tennessee	8,617	8,785	9,162	9,833	9,392	11,803
Texas	156,179	163,180	156,234	174,407	144,236	140,601
Utah	1,971	1,864	2,175	2,005	2,333	2,432
Vermont	184	192	224	240	311	317
Virginia	7,481	^R 6,235	6,355	5,659	4,718	6,164
Washington	4,786	5,183	5,415	5,982	6,276	6,244
West Virginia	3,358	3,549	3,813	3,768	4,086	3,489
Wisconsin	8,250	8,377	10,780	11,920	14,857	13,919
Wyoming	3,131	3,187	3,734	3,785	3,529	3,344
Total	^R 589,484	^R 567,799	^R 585,216	^R 617,273	^R 627,006	^R 607,275

^a Small volumes of natural gas representing onsystem sales to industrial consumers in Idaho are included in the annual total but not in monthly components.

^R Revised Data.

NA Not Available.

— Not Applicable.

Notes: Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 7 for discussion of computations and revision policy.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 18. Natural Gas Deliveries to Electric Power Consumers, by State, 2001-2003
(Million Cubic Feet)

State	YTD 2003	YTD 2002	YTD 2001	2003		
				September	August	July
Alabama	74,475	94,317	48,063	7,106	17,406	12,592
Alaska	26,293	23,121	23,503	2,847	3,108	3,133
Arizona	110,750	107,350	103,516	16,335	21,021	20,481
Arkansas	24,869	36,051	19,798	2,344	3,824	3,558
California	496,504	559,722	776,909	66,607	76,282	81,897
Colorado	55,909	59,251	65,739	6,030	9,322	8,567
Connecticut	31,100	51,980	21,204	4,126	4,588	3,890
Delaware	9,204	15,613	11,110	1,088	2,041	2,160
District of Columbia	0	0	0	(—)	0	0
Florida	394,214	402,924	270,324	51,628	51,497	52,649
Georgia	32,265	50,178	32,214	2,853	8,657	6,283
Hawaii	0	0	0	(—)	0	0
Idaho	1,886	2,327	4,610	140	332	612
Illinois	31,779	77,259	37,774	1,572	10,506	5,353
Indiana	21,359	29,229	15,221	2,414	4,879	3,030
Iowa	3,550	4,476	4,969	277	1,049	576
Kansas	13,464	19,252	20,172	866	4,054	3,052
Kentucky	3,186	12,904	3,686	159	958	464
Louisiana	173,326	269,176	201,807	18,449	28,714	27,217
Maine	48,532	67,968	56,379	6,104	6,674	6,861
Maryland	17,464	19,473	14,743	3,560	4,197	4,403
Massachusetts	125,417	96,192	68,023	16,941	19,232	21,092
Michigan	81,104	119,374	94,647	6,850	15,717	9,192
Minnesota	14,573	11,117	8,794	1,836	4,438	2,632
Mississippi	81,526	140,407	102,481	7,555	10,394	10,704
Missouri	19,627	28,374	27,100	749	5,568	5,293
Montana	198	110	154	11	63	26
Nebraska	4,336	4,213	3,532	224	1,386	1,436
Nevada	84,140	81,722	83,711	11,291	13,694	13,860
New Hampshire	1	798	206	0	0	0
New Jersey	92,367	127,346	97,759	10,771	16,861	15,790
New Mexico	30,315	29,598	40,964	3,229	5,356	4,814
New York	201,048	290,914	266,333	21,878	36,973	32,144
North Carolina	25,424	28,169	11,080	3,466	5,040	4,731
North Dakota	0	1	3	0	0	0
Ohio	13,517	20,850	9,597	752	6,755	1,492
Oklahoma	155,850	167,739	139,327	16,458	32,630	32,405
Oregon	52,568	39,404	60,121	9,441	9,077	9,294
Pennsylvania	32,238	42,286	14,681	2,891	9,027	6,441
Rhode Island	30,219	39,047	42,465	3,931	4,397	4,808
South Carolina	15,489	34,933	8,596	652	4,276	2,703
South Dakota	1,500	1,201	4,336	158	486	477
Tennessee	2,748	2,237	2,479	73	403	112
Texas	1,137,738	1,220,312	1,205,021	109,050	173,402	165,419
Utah	13,090	10,801	12,857	1,344	2,224	2,308
Vermont	18	26	107	3	3	2
Virginia	25,326	30,401	24,791	2,164	6,257	4,787
Washington	39,517	26,030	71,785	6,647	6,766	6,883
West Virginia	1,644	1,686	2,266	201	602	284
Wisconsin	16,962	17,220	18,156	1,117	3,660	2,421
Wyoming	2,122	2,728	2,115	99	292	326
Total	3,870,749	4,517,805	4,158,991	434,285	654,087	608,655

See footnotes at end of table.

Table 18. Natural Gas Deliveries to Electric Power Consumers, by State, 2001-2003
(Million Cubic Feet) — Continued

State	2003					
	June	May	April	March	February	January
Alabama	7,511	4,608	5,840	4,377	5,320	9,717
Alaska	2,911	2,615	2,712	2,888	2,715	3,365
Arizona	11,981	8,701	9,405	11,626	8,703	2,497
Arkansas	1,742	2,887	2,838	2,337	2,973	2,366
California	43,102	37,310	35,140	52,522	51,396	52,248
Colorado	4,998	6,022	4,519	5,772	5,472	5,206
Connecticut	2,870	3,254	3,505	4,261	2,098	2,509
Delaware	856	356	943	952	353	456
District of Columbia	0	0	0	0	0	0
Florida	46,957	50,704	39,940	42,010	28,404	30,425
Georgia	2,895	2,488	4,279	884	801	3,127
Hawaii	0	0	0	0	0	0
Idaho	169	137	103	121	121	150
Illinois	2,534	1,492	1,870	2,574	2,829	3,048
Indiana	2,194	2,759	935	1,959	1,729	1,459
Iowa	219	246	280	296	330	277
Kansas	1,196	922	780	1,037	730	827
Kentucky	160	302	189	153	174	627
Louisiana	20,293	18,727	15,679	13,374	13,630	17,244
Maine	5,255	4,141	4,923	4,329	3,613	6,632
Maryland	1,800	1,293	642	334	572	662
Massachusetts	15,276	12,129	10,988	10,899	9,733	9,128
Michigan	6,556	7,188	6,955	7,428	9,741	11,477
Minnesota	1,049	554	1,159	731	1,045	1,129
Mississippi	8,757	8,162	8,307	6,983	8,169	12,494
Missouri	1,267	1,285	2,399	817	661	1,589
Montana	37	11	2	21	20	7
Nebraska	424	194	261	125	161	125
Nevada	9,886	7,153	6,409	7,538	7,017	7,294
New Hampshire	0	0	0	0	0	0
New Jersey	8,331	8,598	8,284	7,062	8,118	8,552
New Mexico	3,535	3,293	2,349	2,838	2,704	2,197
New York	20,838	16,880	17,698	20,318	15,316	19,004
North Carolina	657	3,141	2,192	1,332	1,758	3,107
North Dakota	0	0	0	0	0	0
Ohio	813	639	1,089	1,077	348	552
Oklahoma	16,264	14,044	11,659	10,129	11,557	10,705
Oregon	3,209	1,623	2,085	4,356	5,636	7,847
Pennsylvania	3,270	2,207	2,470	2,712	1,624	1,597
Rhode Island	3,167	1,848	1,764	2,853	3,083	4,367
South Carolina	1,352	1,202	1,437	413	816	2,639
South Dakota	205	10	66	18	51	27
Tennessee	131	27	639	264	116	983
Texas	141,088	137,715	101,148	102,071	99,744	108,101
Utah	1,342	1,108	1,773	1,372	754	865
Vermont	2	3	2	1	1	1
Virginia	1,260	827	3,237	2,461	959	3,374
Washington	1,042	1,068	1,846	5,177	5,146	4,943
West Virginia	144	95	140	76	36	67
Wisconsin	1,225	1,053	1,793	1,900	2,106	1,686
Wyoming	55	82	238	254	418	358
Total	410,827	381,098	332,912	353,032	328,801	367,051

See footnotes at end of table.

Table 18. Natural Gas Deliveries to Electric Power Consumers, by State, 2001-2003
(Million Cubic Feet) — Continued

State	2002					
	Total	December	November	October	September	August
Alabama	112,403	5,608	5,415	7,064	11,855	15,892
Alaska	31,704	3,118	2,605	2,861	2,601	2,482
Arizona	145,346	12,131	11,510	14,354	16,847	17,996
Arkansas	42,430	1,288	1,415	3,676	5,298	6,460
California	726,627	57,695	52,006	57,204	75,298	80,441
Colorado	78,171	6,190	5,672	7,059	6,242	7,515
Connecticut	65,060	4,227	4,165	4,687	7,282	8,302
Delaware	17,460	329	269	1,248	1,932	2,210
District of Columbia	0	0	0	0	0	0
Florida	521,868	30,983	35,484	52,477	53,763	58,690
Georgia	56,588	1,354	849	4,206	7,887	11,906
Hawaii	0	0	0	0	0	0
Idaho	2,720	125	98	170	156	228
Illinois	81,867	1,418	1,013	2,177	6,897	15,556
Indiana	35,104	1,962	2,010	1,903	3,299	4,557
Iowa	5,250	229	264	281	551	637
Kansas	21,389	672	781	683	1,984	4,045
Kentucky	13,712	251	261	296	1,262	1,996
Louisiana	323,804	14,750	16,204	23,674	32,420	41,790
Maine	90,769	7,498	7,749	7,554	7,831	8,041
Maryland	22,273	932	769	1,098	2,957	6,572
Massachusetts	128,852	11,339	9,628	11,693	13,386	14,505
Michigan	146,133	9,403	7,328	10,028	13,037	18,463
Minnesota	13,181	629	605	830	1,304	1,526
Mississippi	163,664	7,909	6,416	8,932	15,022	19,402
Missouri	29,911	418	576	543	3,221	5,248
Montana	116	4	1	1	10	20
Nebraska	4,947	145	175	413	548	842
Nevada	109,605	8,707	9,317	9,859	10,763	11,631
New Hampshire	1,096	103	0	194	219	311
New Jersey	160,363	11,476	11,207	10,334	15,609	22,412
New Mexico	37,324	2,431	2,430	2,866	2,989	4,209
New York	365,705	21,361	23,132	30,298	37,923	48,900
North Carolina	31,877	1,315	413	1,979	3,243	6,995
North Dakota	1	0	0	0	0	0
Ohio	22,722	428	410	1,034	3,175	5,335
Oklahoma	194,770	7,817	7,041	12,173	21,384	29,818
Oregon	55,854	5,541	5,330	5,579	5,614	4,899
Pennsylvania	50,251	2,064	2,284	3,617	5,545	10,396
Rhode Island	53,965	5,121	5,812	3,985	4,282	4,444
South Carolina	36,710	279	396	1,101	2,795	6,603
South Dakota	1,265	25	12	27	148	55
Tennessee	2,596	281	77	1	74	651
Texas	1,550,292	101,970	103,613	124,397	148,525	190,565
Utah	15,439	1,239	1,065	2,334	2,199	2,022
Vermont	37	3	4	4	3	3
Virginia	34,936	1,963	659	1,913	4,318	6,819
Washington	39,552	5,690	3,821	4,011	3,934	3,219
West Virginia	1,885	45	73	81	139	448
Wisconsin	20,541	1,336	1,028	956	2,350	2,149
Wyoming	3,764	320	217	498	576	387
Total	5,671,897	360,123	351,612	442,357	568,699	717,592

See footnotes at end of table.

Table 18. Natural Gas Deliveries to Electric Power Consumers, by State, 2001-2003
(Million Cubic Feet) — Continued

State	2002					
	July	June	May	April	March	February
Alabama	15,228	12,396	7,316	7,217	7,301	8,006
Alaska	2,786	2,518	2,398	2,562	2,663	2,342
Arizona	19,305	12,579	9,245	7,964	9,125	7,902
Arkansas	8,423	5,309	2,524	2,681	1,919	1,857
California	88,478	64,112	44,768	44,074	62,953	46,030
Colorado	8,964	7,198	5,962	6,739	7,141	4,419
Connecticut	7,982	5,560	5,828	3,922	4,703	3,978
Delaware	4,884	1,357	1,018	1,067	1,226	1,123
District of Columbia	0	0	0	0	0	0
Florida	55,847	51,289	44,436	41,741	35,261	27,217
Georgia	12,902	7,736	3,377	3,430	863	887
Hawaii	0	0	0	0	0	0
Idaho	467	290	229	174	490	144
Illinois	23,588	9,924	3,969	7,075	4,995	3,005
Indiana	6,744	3,544	1,326	3,043	2,173	2,683
Iowa	1,032	587	325	323	364	291
Kansas	5,491	2,829	755	957	1,531	776
Kentucky	4,626	2,192	560	629	811	537
Louisiana	40,542	34,039	28,456	27,662	24,864	19,396
Maine	7,614	6,350	7,668	6,539	7,776	7,612
Maryland	4,207	1,972	843	1,253	607	490
Massachusetts	13,254	10,846	10,459	6,925	9,702	6,633
Michigan	20,819	12,844	9,599	10,941	12,090	10,280
Minnesota	2,991	1,310	648	652	1,155	815
Mississippi	23,291	17,814	13,207	13,836	13,002	12,553
Missouri	6,710	3,437	1,530	2,584	2,117	1,622
Montana	29	35	12	1	1	1
Nebraska	1,251	618	283	269	93	89
Nevada	10,965	9,532	7,672	5,974	8,650	7,845
New Hampshire	79	108	39	11	1	12
New Jersey	22,580	16,110	9,236	11,159	10,547	9,313
New Mexico	5,431	4,335	2,494	3,043	2,855	2,405
New York	47,533	33,762	23,869	24,408	24,629	23,831
North Carolina	6,801	3,958	1,565	1,792	1,481	1,598
North Dakota	0	0	0	0	0	0
Ohio	6,411	2,444	655	1,261	645	740
Oklahoma	26,315	19,641	14,183	16,702	14,144	14,532
Oregon	2,066	3,093	2,073	2,355	6,225	5,748
Pennsylvania	8,680	5,822	2,051	1,733	3,212	3,362
Rhode Island	4,617	4,095	3,920	3,575	3,904	4,458
South Carolina	7,032	4,924	4,535	2,915	1,160	2,014
South Dakota	480	182	58	62	61	145
Tennessee	739	277	58	233	172	34
Texas	182,218	156,428	125,291	116,473	104,754	90,578
Utah	1,570	758	1,024	958	899	667
Vermont	4	3	3	2	2	3
Virginia	6,757	3,473	1,949	2,957	1,105	942
Washington	1,848	981	1,168	2,048	5,065	3,853
West Virginia	219	229	99	253	164	58
Wisconsin	3,770	1,873	1,211	1,979	1,574	1,203
Wyoming	317	230	217	231	340	214
Total	733,887	550,941	410,108	404,384	406,516	344,243

— Not Applicable.

Notes: Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 7 for discussion of computation and

revision policy.

Source: Form EIA-906, "Power Plant Report."

Table 19. Natural Gas Deliveries to All Consumers, by State, 2001-2003

(Million Cubic Feet)

State	YTD 2003	YTD 2002	YTD 2001	2003		
				September	August	July
Alabama	242,651	266,712	225,959	20,854	31,632	27,029
Alaska	102,364	97,363	95,688	11,230	11,339	11,043
Arizona	172,821	171,866	172,327	20,404	25,314	24,742
Arkansas	161,340	176,571	157,493	12,431	^R 13,200	12,885
California	NA	1,650,806	1,825,743	167,054	173,928	178,778
Colorado	NA	290,289	254,506	20,659	22,891	22,819
Connecticut	112,918	131,956	104,101	7,968	9,277	8,573
Delaware	35,200	43,156	37,639	2,797	3,569	3,578
District of Columbia	23,420	20,841	23,437	875	1,285	1,131
Florida	NA	525,844	391,097	NA	NA	62,937
Georgia	261,306	276,297	259,095	19,836	25,699	23,404
Hawaii	2,065	2,056	2,157	224	219	225
Idaho	42,225	49,544	51,533	2,942	2,588	3,037
Illinois	707,433	742,149	683,298	37,624	42,578	38,200
Indiana	376,553	375,297	368,567	27,053	27,069	24,709
Iowa	NA	150,250	160,570	10,332	10,178	9,688
Kansas	NA	177,131	178,087	13,665	^R 15,784	15,522
Kentucky	147,700	147,189	139,454	10,266	10,199	9,371
Louisiana	NA	852,028	798,132	77,764	NA	86,017
Maine	54,910	76,636	66,934	6,546	7,100	7,317
Maryland	NA	131,622	136,831	10,016	10,551	NA
Massachusetts	NA	284,887	265,062	NA	^R 26,479	31,786
Michigan	669,802	672,709	651,635	33,436	42,897	35,968
Minnesota	247,172	240,623	234,982	14,719	15,978	15,229
Mississippi	196,733	260,343	216,732	17,362	19,055	19,619
Missouri	202,251	206,404	219,974	9,931	14,772	13,003
Montana	37,364	41,401	39,253	2,162	2,005	2,040
Nebraska	84,428	87,169	91,295	5,912	7,541	7,646
Nevada	131,808	130,470	132,284	14,451	16,569	16,971
New Hampshire	NA	18,356	17,360	1,001	1,078	1,032
New Jersey	455,887	435,538	427,326	28,882	34,184	34,512
New Mexico	87,860	88,047	115,649	6,933	8,373	8,210
New York	NA	880,795	876,544	57,834	NA	67,905
North Carolina	173,362	168,360	146,747	13,516	14,705	13,709
North Dakota	24,417	NA	28,251	1,725	1,092	1,278
Ohio	604,995	587,287	589,971	32,714	37,542	32,688
Oklahoma	323,948	336,215	341,091	28,451	44,827	44,303
Oregon	148,125	144,031	161,326	17,036	16,304	16,586
Pennsylvania	485,246	449,944	447,512	26,313	^R 32,944	30,310
Rhode Island	NA	64,556	71,488	4,891	NA	NA
South Carolina	110,960	143,461	102,916	8,438	11,899	10,002
South Dakota	25,875	19,402	23,349	1,204	1,738	1,790
Tennessee	188,767	179,113	183,672	11,555	11,810	11,520
Texas	2,700,487	2,888,784	3,091,480	268,246	^R 350,936	352,490
Utah	87,850	93,293	95,310	6,382	6,496	6,470
Vermont	6,163	6,006	5,981	322	309	290
Virginia	182,903	178,709	168,674	11,467	14,557	14,098
Washington	NA	171,133	212,093	15,679	NA	^R 15,393
West Virginia	NA	71,908	74,124	NA	NA	^R 3,868
Wisconsin	278,679	263,869	262,968	16,542	17,257	15,639
Wyoming	NA	50,414	43,897	4,562	4,366	4,558
Total	14,989,585	15,555,681	15,486,226	1,235,520	^R1,451,967	^R1,417,754

See footnotes at end of table.

Table 19. Natural Gas Deliveries to All Consumers, by State, 2001-2003

(Million Cubic Feet) — Continued

State	2003					
	June	May	April	March	February	January
Alabama	21,231	20,171	23,201	25,991	33,335	39,207
Alaska	11,038	11,083	12,038	12,068	10,442	12,083
Arizona	16,640	14,486	16,548	21,362	18,325	15,000
Arkansas	12,749	15,240	18,187	22,713	27,066	26,869
California	143,185	147,365	155,175	184,797	NA	183,615
Colorado	18,829	25,125	25,432	38,043	46,789	NA
Connecticut	7,995	9,924	13,700	17,189	18,502	19,791
Delaware	2,477	2,132	3,532	4,884	5,644	6,587
District of Columbia	1,151	1,600	2,552	3,730	5,133	5,963
Florida	57,104	61,851	51,363	54,188	NA	NA
Georgia	18,897	20,889	27,076	28,686	40,802	56,016
Hawaii	219	227	229	235	237	251
Idaho	3,294	4,393	5,279	6,477	6,728	7,486
Illinois	38,315	47,054	74,494	114,379	147,045	167,744
Indiana	25,433	31,448	36,300	52,600	70,441	81,500
Iowa	9,966	12,245	16,663	25,194	NA	31,082
Kansas	11,387	13,344	17,122	27,435	NA	33,725
Kentucky	9,202	10,661	13,892	20,468	28,919	34,722
Louisiana	72,599	82,082	80,441	77,239	82,047	91,894
Maine	5,705	4,607	5,671	5,326	^R 4,701	^R 7,938
Maryland	8,792	10,674	15,619	21,180	28,477	31,809
Massachusetts	28,754	30,154	^R 36,039	^R 44,669	^R 48,921	^R 50,164
Michigan	37,749	53,987	78,701	112,589	134,037	140,437
Minnesota	12,739	18,036	26,419	39,155	50,978	53,920
Mississippi	19,211	18,522	20,164	22,270	27,116	33,413
Missouri	10,768	13,471	21,268	33,848	42,682	42,508
Montana	2,696	3,511	4,678	6,695	6,966	6,612
Nebraska	4,423	6,106	^R 8,588	13,291	15,416	15,506
Nevada	13,217	11,838	12,372	14,974	14,820	16,595
New Hampshire	1,151	1,753	2,472	3,335	NA	3,654
New Jersey	27,878	38,292	51,816	69,161	84,064	87,100
New Mexico	7,344	8,311	9,612	12,308	12,898	13,872
New York	58,590	70,141	97,910	135,907	155,550	146,036
North Carolina	9,762	15,078	18,041	22,499	31,608	34,444
North Dakota	1,612	2,036	2,494	4,145	4,580	5,456
Ohio	33,349	45,127	65,208	98,619	122,265	137,482
Oklahoma	27,529	27,452	30,231	37,236	41,070	42,848
Oregon	11,167	12,170	13,724	18,128	19,508	23,505
Pennsylvania	29,118	36,036	53,724	79,155	95,714	101,931
Rhode Island	4,902	4,332	5,488	8,281	9,210	9,842
South Carolina	8,352	9,960	12,063	12,731	17,478	20,038
South Dakota	1,684	1,900	2,898	^R 4,339	^R 5,034	^R 5,290
Tennessee	13,573	14,991	19,050	28,342	36,960	40,965
Texas	278,673	285,258	254,366	283,931	300,296	326,292
Utah	5,801	7,111	10,773	12,948	15,982	15,888
Vermont	364	584	901	1,057	1,188	1,148
Virginia	12,047	14,259	18,214	25,820	32,389	40,052
Washington	^R 11,181	14,881	19,238	26,029	25,923	27,897
West Virginia	^R 4,750	5,747	7,375	11,387	13,953	14,915
Wisconsin	15,600	20,496	31,946	44,057	55,316	61,826
Wyoming	4,709	5,011	6,458	7,390	7,100	NA
Total	^R1,196,164	1,344,459	^R1,558,009	^R1,999,785	^R2,313,298	^R2,472,628

See footnotes at end of table.

Table 19. Natural Gas Deliveries to All Consumers, by State, 2001-2003

(Million Cubic Feet) — Continued

State	2002					
	Total	December	November	October	September	August
Alabama	342,953	30,678	22,737	22,825	26,901	30,715
Alaska	130,694	11,867	10,469	10,994	9,792	9,869
Arizona	230,562	21,666	18,042	18,988	20,994	22,093
Arkansas	232,730	21,538	17,719	16,902	16,801	17,678
California	2,202,099	206,863	168,868	175,561	176,815	188,150
Colorado	^R 411,928	47,092	39,176	35,370	22,458	21,741
Connecticut	^R 177,176	^R 19,165	14,588	11,467	12,150	13,273
Delaware	59,621	6,759	4,912	4,794	5,030	4,316
District of Columbia	32,230	5,376	3,847	2,166	1,190	1,152
Florida	684,962	45,746	48,310	65,063	65,829	70,908
Georgia	382,524	47,991	33,697	24,539	25,286	30,273
Hawaii	2,734	236	227	215	224	222
Idaho	66,561	6,976	5,920	4,120	3,274	3,934
Illinois	1,044,198	131,598	100,729	69,723	43,208	50,796
Indiana	528,611	67,397	49,103	36,814	28,157	29,661
Iowa	213,385	26,914	21,886	14,336	10,292	9,796
Kansas	239,268	26,658	22,236	13,243	15,846	19,525
Kentucky	^R 210,189	^R 27,662	20,875	14,464	10,997	10,730
Louisiana	1,127,789	95,943	91,047	88,771	93,158	102,706
Maine	^R 103,999	^R 9,457	^R 9,242	^R 8,664	^R 8,378	^R 9,009
Maryland	194,806	29,843	20,398	12,944	10,085	12,892
Massachusetts	^R 390,499	^R 45,380	^R 32,345	^R 27,887	^R 25,556	^R 27,030
Michigan	920,713	113,368	81,461	53,176	40,387	47,043
Minnesota	^R 349,308	44,656	36,988	27,041	14,959	^R 15,917
Mississippi	326,825	25,765	19,805	20,912	25,600	30,293
Missouri	277,352	33,255	23,282	14,411	11,968	13,761
Montana	57,557	6,080	5,845	4,231	2,655	2,251
Nebraska	115,993	13,071	9,602	6,151	6,787	7,416
Nevada	175,680	16,546	14,855	13,809	13,996	14,624
New Hampshire	^R 24,987	^R 3,568	^R 1,960	^R 1,102	^R 1,356	^R 1,046
New Jersey	603,622	78,704	53,676	35,704	35,118	40,151
New Mexico	^R 115,334	11,891	8,627	6,769	6,232	7,406
New York	1,194,975	130,627	106,231	77,322	75,115	87,902
North Carolina	229,973	27,345	19,189	15,079	13,658	17,151
North Dakota	NA	4,302	3,512	3,093	1,553	1,559
Ohio	828,099	110,028	77,469	53,316	36,045	39,927
Oklahoma	421,996	33,832	26,509	25,441	33,454	43,018
Oregon	195,289	20,193	16,955	14,110	13,134	12,359
Pennsylvania	633,898	84,460	58,855	40,639	30,367	34,769
Rhode Island	^R 88,989	^R 9,776	9,011	5,646	5,504	5,600
South Carolina	183,468	16,498	12,490	11,019	11,704	15,872
South Dakota	28,344	3,598	3,230	2,114	1,017	775
Tennessee	^R 243,876	31,262	20,106	13,394	11,149	12,620
Texas	3,709,686	286,420	261,664	272,818	299,020	355,195
Utah	135,116	16,440	13,805	11,578	7,585	6,473
Vermont	8,281	999	797	478	341	329
Virginia	^R 250,812	32,128	21,035	18,940	15,141	18,526
Washington	234,156	26,493	21,099	15,431	12,896	11,778
West Virginia	^R 101,291	12,763	9,833	6,788	4,692	5,498
Wisconsin	381,128	49,632	39,139	28,488	16,880	16,390
Wyoming	^R 70,725	7,532	6,844	5,936	4,462	4,131
Total	^R20,968,515	^R2,185,305	^R1,741,477	^R1,486,053	^R1,386,431	^R1,557,520

See footnotes at end of table.

Table 19. Natural Gas Deliveries to All Consumers, by State, 2001-2003

(Million Cubic Feet) — Continued

State	2002					
	July	June	May	April	March	February
Alabama	29,983	28,022	23,742	26,043	32,058	33,149
Alaska	10,513	11,323	10,105	10,461	11,275	11,426
Arizona	23,552	17,272	14,519	14,614	18,889	19,980
Arkansas	18,679	16,933	15,599	19,133	22,283	24,967
California	193,763	162,603	155,127	162,137	205,182	184,520
Colorado	27,286	22,913	24,870	30,978	^R 46,222	44,997
Connecticut	13,196	11,126	12,876	^R 13,863	^R 17,677	^R 18,420
Delaware	6,906	3,052	3,111	4,227	5,292	5,315
District of Columbia	1,137	1,143	1,528	2,045	3,678	4,192
Florida	67,918	62,922	57,528	56,714	51,167	42,060
Georgia	30,546	25,220	23,173	24,066	33,642	39,723
Hawaii	239	224	226	234	225	226
Idaho	2,977	3,613	4,635	5,733	7,938	8,633
Illinois	70,482	49,188	61,096	93,362	122,147	119,253
Indiana	30,727	27,523	32,288	44,643	58,147	58,623
Iowa	9,621	9,963	13,240	18,519	25,399	24,843
Kansas	17,677	13,723	13,331	17,384	25,587	25,111
Kentucky	13,669	11,497	12,196	14,736	23,091	24,362
Louisiana	101,744	91,873	86,872	89,894	97,305	90,770
Maine	^R 8,023	^R 7,475	^R 8,629	^R 7,591	^R 8,776	^R 9,066
Maryland	10,546	8,875	8,870	12,569	20,711	22,828
Massachusetts	^R 23,367	^R 25,405	^R 27,820	^R 30,350	^R 40,264	^R 40,504
Michigan	51,854	52,316	63,509	86,658	103,619	108,203
Minnesota	^R 15,629	14,942	21,574	28,751	^R 44,999	^R 38,705
Mississippi	34,724	28,478	24,250	26,803	29,965	29,669
Missouri	15,523	13,293	16,414	24,630	34,467	36,027
Montana	2,219	2,911	4,022	5,758	7,165	6,772
Nebraska	8,766	4,918	6,615	10,311	12,700	13,814
Nevada	14,039	13,071	11,819	11,155	15,995	17,089
New Hampshire	^R 1,567	^R 1,402	^R 1,778	^R 2,167	^R 2,870	^R 3,184
New Jersey	39,477	35,159	36,624	47,722	60,814	66,436
New Mexico	8,716	8,044	6,930	9,835	12,994	^R 14,157
New York	86,949	74,978	76,410	96,696	123,258	127,638
North Carolina	16,417	14,583	13,296	16,606	23,147	25,611
North Dakota	1,479	1,937	2,427	3,079	NA	3,946
Ohio	41,739	42,140	53,308	71,255	95,750	99,752
Oklahoma	39,239	31,241	28,202	36,617	40,147	42,306
Oregon	9,491	11,519	12,781	14,664	21,355	22,279
Pennsylvania	32,732	33,454	38,440	53,838	71,393	73,926
Rhode Island	5,848	5,796	6,418	6,974	8,100	9,205
South Carolina	16,347	15,030	14,947	14,557	16,528	17,889
South Dakota	1,169	1,012	1,604	2,551	3,853	3,497
Tennessee	12,436	13,083	13,905	19,739	27,347	31,383
Texas	355,745	337,019	300,652	320,898	299,962	291,638
Utah	5,907	5,254	7,104	8,445	15,162	17,650
Vermont	324	422	569	804	954	1,143
Virginia	18,361	^R 14,450	14,675	17,211	22,871	26,340
Washington	10,668	12,084	15,888	21,120	27,794	28,090
West Virginia	5,033	5,373	7,032	8,735	11,760	^R 11,320
Wisconsin	16,887	16,304	24,357	31,849	48,259	43,490
Wyoming	4,427	4,289	5,395	6,284	7,090	^R 6,571
Total	^R1,587,538	^R1,427,621	^R1,443,595	^R1,706,237	^R2,073,233	^R2,071,843

^R Revised Data.

NA Not Available.

Notes: Geographic coverage is the 50 States and the District of Columbia. Gas volumes delivered for use as vehicle fuel are included in the annual total for commercial deliveries but not in the monthly components. See

Appendix A, Explanatory Note 7 for discussion of computations and revision policy.

Sources: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" and Form EIA-906, "Power Plant Report."

Table 20. Average City Gate Price, by State, 2001-2003

(Dollars per Thousand Cubic Feet)

State	YTD 2003	YTD 2002	YTD 2001	2003				
				September	August	July	June	May
Alabama	5.96	4.73	7.06	5.01	6.91	8.50	8.39	6.76
Alaska	2.32	NA	2.33	2.35	2.57	2.12	2.14	2.37
Arizona	4.75	3.70	5.61	4.88	4.84	5.06	5.17	4.78
Arkansas	5.72	5.11	6.67	7.26	7.27	6.46	6.99	6.94
California	NA	2.95	7.68	5.32	5.19	4.85	6.63	5.05
Colorado	4.10	2.62	4.85	4.43	2.79	3.12	2.18	5.76
Connecticut	5.92	NA	9.27	3.55	4.85	4.77	5.53	5.58
Delaware	5.56	5.12	5.66	5.27	5.04	5.40	5.92	5.31
District of Columbia	—	—	—	—	—	—	—	—
Florida	5.57	3.65	6.01	5.28	^R 3.52	5.73	6.48	5.80
Georgia	6.34	4.14	6.77	5.51	5.27	5.97	6.48	6.45
Hawaii	8.70	6.91	8.04	8.79	8.37	7.97	8.96	9.53
Idaho	4.00	NA	5.52	4.49	4.81	5.62	6.82	4.78
Illinois	NA	3.55	6.45	5.16	5.02	5.20	6.11	5.68
Indiana	NA	3.33	5.00	6.01	6.38	7.57	7.15	5.74
Iowa	6.37	3.77	7.14	5.95	6.38	7.23	7.00	6.37
Kansas	6.26	3.86	6.85	5.55	^R 6.06	6.32	6.75	5.95
Kentucky	5.90	4.33	6.88	6.18	6.15	6.13	6.78	6.07
Louisiana	NA	3.65	6.11	5.29	5.11	5.69	6.25	5.68
Maine	6.81	6.51	6.72	7.53	9.39	4.75	5.01	6.08
Maryland	6.99	4.60	7.51	7.24	5.99	7.45	8.48	6.98
Massachusetts	7.65	4.92	7.39	6.64	^R 5.51	7.87	9.31	6.67
Michigan	5.31	4.11	4.22	5.26	5.26	5.48	5.80	5.21
Minnesota	6.00	NA	6.60	5.35	5.65	5.98	5.55	5.06
Mississippi	NA	3.93	6.68	6.24	5.51	6.40	6.81	5.77
Missouri	6.15	4.40	7.24	7.56	8.27	7.61	8.45	7.12
Montana	5.09	2.61	4.54	4.73	4.83	5.27	5.35	4.94
Nebraska	5.76	3.86	7.05	5.73	5.61	5.89	5.82	6.42
Nevada	5.45	4.33	5.46	5.92	5.52	5.90	6.48	6.48
New Hampshire	NA	4.44	4.70	6.85	NA	4.57	4.83	5.95
New Jersey	7.16	4.97	7.08	7.39	7.16	7.88	7.87	7.10
New Mexico	4.84	2.49	4.69	4.45	4.12	4.53	4.70	4.04
New York	NA	3.55	5.39	5.06	4.81	5.06	5.74	5.71
North Carolina	6.97	4.22	7.67	7.11	7.05	7.51	8.07	7.34
North Dakota	5.75	3.35	5.46	5.29	7.27	7.79	7.05	5.47
Ohio	6.81	4.43	9.24	5.24	5.14	^R 11.95	7.99	4.55
Oklahoma	5.64	3.94	7.17	5.36	5.53	5.33	5.90	6.04
Oregon	NA	5.42	4.98	6.02	6.00	NA	6.18	5.19
Pennsylvania	6.59	NA	7.25	7.46	7.24	8.02	8.78	7.01
Rhode Island	7.09	4.68	6.95	11.81	^R 12.76	^R 12.64	11.59	8.31
South Carolina	6.89	4.88	6.68	6.87	6.67	7.38	7.94	7.06
South Dakota	6.32	4.11	7.70	5.58	6.29	8.00	7.32	6.62
Tennessee	5.98	3.94	6.77	5.55	5.45	5.68	6.32	5.59
Texas	NA	3.58	5.74	5.07	5.02	5.30	6.02	4.87
Utah	4.71	4.09	5.99	5.98	5.82	5.94	4.39	3.62
Vermont	5.19	5.04	4.88	5.69	4.40	4.72	4.98	5.30
Virginia	6.65	NA	7.22	8.54	7.94	7.04	7.77	7.85
Washington	NA	3.70	6.08	6.22	NA	NA	6.22	5.35
West Virginia	NA	4.32	4.67	NA	NA	^R 6.80	^R 6.65	NA
Wisconsin	6.42	4.10	6.80	7.28	7.12	7.98	8.27	6.74
Wyoming	2.15	NA	7.25	1.76	1.49	1.48	1.53	2.01
Total	5.94	3.95	6.42	5.57	^R5.44	^R5.82	6.40	5.66

See footnotes at end of table.

Table 20. Average City Gate Price, by State, 2001-2003

(Dollars per Thousand Cubic Feet) — Continued

State	2003				2002			
	April	March	February	January	Total	December	November	October
Alabama	6.04	7.55	5.19	4.66	4.74	4.57	4.97	5.05
Alaska	2.36	2.30	2.22	2.35	NA	2.44	2.46	2.27
Arizona	4.22	5.21	4.74	4.32	3.79	4.12	3.92	3.77
Arkansas	^R 5.25	^R 5.00	^R 5.72	^R 5.49	5.17	5.41	5.21	5.07
California	4.75	6.68	4.89	NA	NA	NA	4.04	3.35
Colorado	4.21	4.90	4.49	3.62	2.72	3.28	3.01	2.08
Connecticut	5.26	7.49	5.89	7.33	NA	6.55	6.48	6.32
Delaware	5.67	6.37	5.37	5.11	NA	4.38	NA	8.54
District of Columbia	—	—	—	—	—	—	—	—
Florida	5.86	7.20	5.83	5.49	3.90	4.83	4.74	4.27
Georgia	6.07	8.66	6.46	5.88	4.58	5.36	5.67	5.53
Hawaii	9.84	8.72	8.30	7.89	7.17	7.90	8.20	7.78
Idaho	4.12	4.28	3.20	3.29	NA	3.10	3.11	3.43
Illinois	5.12	8.69	6.55	NA	3.68	3.10	4.51	4.49
Indiana	5.96	8.14	6.21	NA	3.58	4.10	4.31	3.66
Iowa	6.96	8.15	5.83	5.30	4.15	5.11	4.79	4.41
Kansas	6.30	8.61	5.67	5.33	4.11	5.26	5.07	3.89
Kentucky	6.78	7.30	5.71	4.98	4.45	4.72	4.71	4.35
Louisiana	4.49	NA	NA	5.51	NA	5.12	NA	4.46
Maine	4.39	^R 8.85	^R 8.01	^R 7.82	^R 6.74	^R 6.87	^R 8.04	^R 6.97
Maryland	6.83	8.93	6.90	5.92	4.91	5.47	5.24	5.44
Massachusetts	7.05	10.15	7.17	7.16	NA	NA	^R 5.34	^R 5.83
Michigan	4.95	6.58	4.86	4.38	4.10	4.18	4.11	3.87
Minnesota	5.56	8.48	5.89	5.09	NA	5.08	4.91	4.08
Mississippi	5.81	NA	NA	5.24	4.14	4.49	4.93	4.31
Missouri	6.18	8.39	5.22	4.75	4.56	4.78	4.92	4.89
Montana	4.68	6.17	5.18	4.61	2.98	4.82	3.70	2.86
Nebraska	6.16	7.38	5.19	4.78	4.09	4.88	4.59	4.03
Nevada	6.72	6.65	4.09	4.04	4.39	4.68	4.45	4.33
New Hampshire	NA	8.42	NA	NA	^R 4.62	^R 5.94	^R 4.18	^R 4.70
New Jersey	7.01	9.29	6.61	6.08	5.31	5.87	5.96	5.98
New Mexico	4.23	5.70	5.34	4.62	2.91	4.04	3.58	2.96
New York	5.46	7.25	NA	5.41	3.87	5.21	4.63	4.13
North Carolina	7.17	9.58	6.24	5.67	4.52	5.20	5.15	4.86
North Dakota	5.00	7.00	5.21	4.89	3.70	5.38	4.42	3.19
Ohio	9.74	7.32	7.05	6.01	4.73	5.00	4.84	7.24
Oklahoma	5.45	7.81	5.30	4.84	4.23	4.56	4.79	4.29
Oregon	4.97	4.25	4.37	4.64	5.25	4.69	4.76	5.43
Pennsylvania	6.89	7.72	6.13	5.44	NA	5.20	5.12	5.46
Rhode Island	6.44	8.98	5.98	4.35	4.79	4.47	5.09	6.02
South Carolina	6.66	9.45	6.28	5.72	4.91	4.89	4.96	5.21
South Dakota	7.07	8.50	5.38	5.03	4.21	5.13	4.23	3.32
Tennessee	5.63	7.68	6.14	5.45	4.13	4.80	4.46	4.01
Texas	5.03	7.54	NA	5.52	NA	4.29	NA	4.35
Utah	3.76	4.32	5.12	4.97	4.07	4.56	3.81	3.53
Vermont	5.17	4.73	5.52	5.43	4.85	4.54	4.30	4.43
Virginia	6.92	6.69	6.56	5.65	NA	5.52	4.73	5.41
Washington	4.82	6.44	4.48	4.48	3.83	4.24	4.45	3.51
West Virginia	5.92	NA	NA	NA	4.30	3.89	4.64	4.45
Wisconsin	6.11	8.36	5.73	5.03	4.36	4.90	5.01	4.58
Wyoming	1.90	2.98	2.59	2.47	NA	NA	NA	NA
Total	5.61	^R7.55	^R5.88	5.31	4.14	^R4.70	^R4.64	^R4.30

See footnotes at end of table.

Table 20. Average City Gate Price, by State, 2001-2003

(Dollars per Thousand Cubic Feet) — Continued

State	2002							
	September	August	July	June	May	April	March	February
Alabama	4.69	4.81	5.18	5.22	4.89	4.37	4.49	4.80
Alaska	2.39	NA	2.38	2.31	2.34	2.39	2.41	2.41
Arizona	4.32	4.26	4.16	3.78	3.80	3.70	3.74	3.35
Arkansas	4.89	5.10	5.58	4.75	4.97	5.08	5.16	5.20
California	2.86	2.82	3.10	2.98	3.18	3.85	2.76	2.42
Colorado	1.70	1.59	1.95	3.65	2.38	2.87	3.15	2.58
Connecticut	NA	6.54	7.17	6.97	6.74	7.38	5.71	5.56
Delaware	5.32	4.32	5.38	6.30	5.40	5.80	6.70	4.07
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.66	3.47	4.29	3.78	3.95	4.01	3.51	3.27
Georgia	5.27	4.85	5.19	5.27	6.39	3.70	3.18	4.21
Hawaii	7.76	7.53	7.66	7.62	6.66	6.44	6.03	6.10
Idaho	NA	NA	6.28	4.71	3.43	3.36	3.56	3.53
Illinois	4.68	3.30	3.76	3.96	3.53	3.93	3.13	3.16
Indiana	2.96	2.29	2.60	3.80	3.61	3.89	3.37	3.33
Iowa	4.17	5.08	5.01	4.86	4.21	4.03	3.51	3.39
Kansas	3.47	3.21	3.63	4.39	4.26	4.77	3.98	3.80
Kentucky	3.91	4.17	3.77	3.97	4.65	5.47	4.06	4.69
Louisiana	4.37	3.59	3.82	4.10	4.07	3.80	3.23	3.22
Maine	^R 6.76	^R 7.11	^R 7.23	^R 7.93	^R 6.06	^R 4.49	^R 6.36	^R 7.54
Maryland	5.69	5.04	5.69	5.46	5.34	5.30	4.18	4.44
Massachusetts	^R 6.93	^R 8.07	^R 8.49	7.35	5.56	4.23	4.29	4.24
Michigan	3.96	3.68	3.84	3.93	3.94	3.51	4.76	4.45
Minnesota	3.96	NA	3.98	4.13	3.83	3.54	3.64	3.65
Mississippi	3.92	3.69	3.78	4.18	3.88	4.42	3.62	3.76
Missouri	5.79	5.60	6.43	6.44	5.46	4.94	4.03	3.97
Montana	2.53	2.00	1.75	2.16	2.76	3.05	2.72	2.64
Nebraska	3.98	4.08	4.02	4.17	4.36	4.31	3.63	3.58
Nevada	4.87	5.18	4.61	3.99	3.81	4.35	4.48	4.27
New Hampshire	^R 4.53	^R 4.41	^R 4.60	^R 3.72	^R 4.09	^R 5.05	3.88	3.14
New Jersey	5.75	5.11	5.65	5.90	5.74	4.48	4.97	4.84
New Mexico	2.20	2.57	2.55	2.17	2.42	2.90	2.44	2.23
New York	2.91	3.10	3.21	3.47	3.59	3.57	3.98	3.47
North Carolina	4.75	4.48	4.54	4.92	4.39	4.51	3.81	3.72
North Dakota	3.56	2.95	2.42	3.27	3.63	3.54	3.23	3.26
Ohio	4.34	2.48	4.30	5.29	7.73	6.27	5.17	4.28
Oklahoma	4.01	3.34	3.51	3.48	3.93	4.14	3.79	4.07
Oregon	6.58	6.35	6.86	6.63	5.69	5.46	5.17	5.10
Pennsylvania	NA	4.56	5.88	5.73	5.62	NA	4.91	5.20
Rhode Island	7.01	5.03	5.99	5.82	5.40	5.08	4.18	4.07
South Carolina	5.19	5.03	5.11	5.35	5.35	5.23	4.39	4.30
South Dakota	3.71	4.25	3.97	4.89	4.10	4.98	3.69	4.04
Tennessee	3.69	3.66	3.82	3.83	4.13	3.50	3.78	3.99
Texas	3.54	3.63	3.44	3.69	4.19	4.13	3.29	3.25
Utah	3.93	2.55	3.48	4.00	3.54	3.60	4.18	4.54
Vermont	5.14	5.53	5.13	5.31	4.65	4.81	4.82	5.01
Virginia	5.98	5.00	5.87	6.28	5.62	4.47	3.33	3.99
Washington	3.81	3.80	4.34	4.73	4.07	4.28	3.86	4.09
West Virginia	5.84	6.64	6.61	6.66	4.67	4.44	3.85	3.82
Wisconsin	5.59	5.76	5.89	5.65	4.19	4.32	3.47	3.74
Wyoming	3.99	3.16	NA	2.59	2.62	4.07	3.95	3.98
Total	^R3.97	^R3.64	^R3.93	^R4.15	^R4.08	4.17	3.85	3.77

^R Revised Data.

NA Not Available.

— Not Applicable.

Notes: Geographic coverage is the 50 States and the District of Columbia. Prices in this table represent the average price of natural gas by State at the

point where the gas transferred from a pipeline to a local distribution company within the State. See Appendix A, Explanatory Note 9 for discussion of computations and revision policy.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 21. Average Price of Natural Gas Sold to Residential Consumers, by State, 2001-2003
(Dollars per Thousand Cubic Feet)

State	YTD 2003	YTD 2002	YTD 2001	2003				
				September	August	July	June	May
Alabama	11.31	10.61	12.05	17.07	16.78	12.81	16.56	15.49
Alaska	NA	4.25	4.30	4.65	5.23	NA	NA	4.62
Arizona	11.26	12.54	10.02	16.47	16.16	15.55	14.26	12.34
Arkansas	10.05	9.08	10.66	16.07	16.25	15.97	15.82	14.37
California	9.24	6.87	11.97	9.65	9.62	9.84	9.53	9.05
Colorado	6.13	5.80	9.04	8.67	10.23	10.53	9.33	8.24
Connecticut	NA	11.07	12.75	12.34	NA	15.83	14.75	15.39
Delaware	10.40	11.38	8.91	15.11	14.89	13.92	13.47	12.31
District of Columbia	13.19	11.19	12.98	18.43	16.08	17.65	15.56	14.95
Florida	16.78	13.69	16.01	20.86	21.16	21.08	20.59	19.48
Georgia	12.33	10.39	11.30	17.50	18.09	16.80	17.61	14.09
Hawaii	25.04	23.99	22.32	25.73	22.10	25.09	25.30	26.60
Idaho	7.09	8.97	8.25	9.84	10.25	9.16	7.77	7.06
Illinois	8.80	5.97	10.62	11.27	12.15	12.78	12.21	10.76
Indiana	9.69	7.57	10.41	10.44	13.06	13.79	12.57	11.39
Iowa	9.34	6.71	10.04	13.97	13.76	15.20	13.78	10.55
Kansas	8.58	8.31	9.74	13.72	^R 14.26	14.38	13.71	11.33
Kentucky	8.81	7.68	10.33	13.36	14.88	13.79	13.33	12.77
Louisiana	NA	NA	11.14	13.30	NA	13.13	13.89	12.09
Maine	12.49	11.55	12.55	15.84	17.09	17.32	16.14	15.50
Maryland	11.35	9.92	12.47	15.27	15.89	14.27	14.49	13.81
Massachusetts	NA	9.82	13.03	15.25	NA	14.88	13.20	13.92
Michigan	7.02	6.35	5.69	10.50	11.08	10.43	9.37	7.95
Minnesota	8.64	NA	9.79	10.01	10.07	10.52	11.42	8.82
Mississippi	NA	7.44	10.88	10.51	10.42	11.82	12.08	10.91
Missouri	9.19	7.87	10.82	14.86	15.96	15.37	13.48	11.70
Montana	6.72	5.46	7.57	9.81	10.77	10.25	7.44	6.71
Nebraska	7.79	5.97	9.25	10.89	11.16	11.17	9.88	8.29
Nevada	8.95	9.79	8.80	11.20	11.56	11.01	10.38	9.55
New Hampshire	10.90	9.91	12.73	17.86	17.41	18.24	15.55	11.97
New Jersey	8.02	7.14	7.46	9.79	9.44	9.31	8.84	8.64
New Mexico	NA	5.83	7.79	11.93	12.95	12.74	10.97	9.23
New York	NA	9.76	11.94	15.98	16.04	15.73	14.08	12.68
North Carolina	11.02	9.21	12.87	18.07	19.09	18.17	16.61	14.02
North Dakota	7.45	NA	9.02	9.73	10.75	12.04	10.74	8.19
Ohio	8.91	7.39	10.29	11.98	12.01	12.28	10.40	9.07
Oklahoma	8.41	NA	9.92	13.63	13.82	13.53	12.71	11.40
Oregon	9.62	10.84	9.33	11.96	12.07	11.51	10.08	9.27
Pennsylvania	10.79	9.33	11.89	16.12	16.25	15.92	13.99	12.42
Rhode Island	11.55	11.83	12.01	15.93	15.40	12.93	14.15	13.38
South Carolina	11.69	9.82	12.52	16.20	16.13	15.84	15.18	13.51
South Dakota	8.56	6.73	9.79	10.97	12.12	12.74	11.45	9.54
Tennessee	9.70	7.75	10.67	12.12	13.41	13.30	11.35	10.54
Texas	9.22	7.25	9.69	12.92	13.19	12.79	12.68	11.00
Utah	7.12	6.40	8.60	9.04	9.50	9.45	7.77	6.68
Vermont	9.82	10.58	9.83	13.23	13.44	13.07	11.69	10.28
Virginia	NA	10.15	12.49	18.18	17.33	19.83	17.59	16.35
Washington	NA	9.81	9.82	10.41	NA	^R 10.36	^R 9.41	8.68
West Virginia	NA	8.52	7.88	9.99	NA	^R 12.59	^R 11.62	9.87
Wisconsin	9.47	7.13	9.65	10.57	11.47	11.45	11.29	9.27
Wyoming	NA	5.71	8.95	NA	11.96	12.79	9.28	7.88
Total	9.45	7.82	10.29	12.19	12.76	^R 12.57	^R 11.80	10.56

See footnotes at end of table.

Table 21. Average Price of Natural Gas Sold to Residential Consumers, by State, 2001-2003

(Dollars per Thousand Cubic Feet) — Continued

State	2003				2002			
	April	March	February	January	Total	December	November	October
Alabama	14.03	11.18	9.45	9.40	10.57	9.44	11.47	14.52
Alaska	4.31	4.33	4.33	4.20	4.26	4.31	4.26	4.31
Arizona	11.12	10.24	10.18	9.65	12.36	10.42	12.46	15.00
Arkansas	11.83	9.42	8.27	8.35	8.95	8.66	8.30	8.75
California	9.26	9.53	8.83	8.87	7.09	7.73	7.87	7.50
Colorado	7.39	5.59	4.45	4.57	5.40	4.48	4.64	5.08
Connecticut	14.15	14.52	11.57	11.71	11.11	11.10	11.05	11.89
Delaware	10.84	10.69	9.59	8.67	11.05	9.41	10.61	13.72
District of Columbia	13.60	13.73	13.40	11.24	11.19	10.71	11.58	11.77
Florida	18.24	17.64	14.03	13.14	13.91	13.05	15.94	16.89
Georgia	14.14	13.06	11.09	9.52	9.92	9.07	8.37	11.29
Hawaii	26.24	25.60	24.88	23.82	23.10	18.44	22.93	19.51
Idaho	6.94	6.76	6.67	6.64	8.42	6.76	7.11	7.58
Illinois	9.64	10.19	7.37	7.08	6.32	6.84	7.12	7.40
Indiana	11.49	10.96	8.65	8.06	7.64	7.82	7.78	7.58
Iowa	10.33	9.83	7.73	7.75	7.05	7.77	7.45	8.45
Kansas	9.81	7.86	7.33	6.88	8.06	7.00	7.24	10.12
Kentucky	10.53	8.90	7.52	7.33	7.56	7.05	7.12	9.05
Louisiana	10.27	NA	8.79	8.41	NA	8.59	10.55	10.91
Maine	13.56	12.00	11.77	9.87	^R 11.88	13.09	12.18	11.66
Maryland	12.06	10.97	9.50	9.19	9.71	9.15	9.21	10.35
Massachusetts	14.18	12.40	11.33	11.09	NA	NA	9.81	9.75
Michigan	7.27	6.61	6.21	6.13	6.32	6.04	6.25	7.02
Minnesota	7.91	10.89	7.79	7.25	NA	7.05	7.19	6.60
Mississippi	9.26	NA	NA	8.89	NA	7.41	NA	9.87
Missouri	9.67	8.49	8.01	7.75	7.94	7.75	7.97	10.09
Montana	7.08	6.32	6.02	5.84	5.27	4.98	4.65	4.87
Nebraska	8.63	8.27	6.68	6.52	6.12	6.30	6.43	7.65
Nevada	9.15	8.25	8.31	7.99	9.69	8.64	9.80	10.96
New Hampshire	10.44	9.81	9.63	9.69	9.90	9.96	9.23	11.05
New Jersey	8.52	7.91	7.62	7.42	7.26	7.34	7.48	8.24
New Mexico	NA	8.40	7.29	6.66	^R 6.04	6.32	6.53	8.24
New York	11.97	11.46	NA	9.41	9.86	9.55	10.15	11.91
North Carolina	12.10	11.03	9.35	9.34	9.36	9.40	9.53	11.53
North Dakota	7.96	8.07	6.39	6.11	NA	5.41	5.13	4.44
Ohio	9.84	8.93	8.41	7.78	7.52	7.59	7.82	8.52
Oklahoma	9.37	7.78	7.66	6.58	NA	7.18	7.84	9.74
Oregon	9.46	9.34	9.33	9.23	10.55	9.32	9.59	11.25
Pennsylvania	11.29	10.07	9.45	9.45	9.43	9.17	9.43	11.86
Rhode Island	11.18	10.78	10.66	10.81	^R 11.76	^R 11.05	11.68	13.41
South Carolina	12.91	12.37	10.46	10.34	10.02	10.26	10.92	11.34
South Dakota	9.61	8.92	7.63	6.92	6.77	7.47	6.39	6.55
Tennessee	9.75	9.79	9.33	9.07	7.87	8.00	8.08	9.67
Texas	10.55	9.74	8.57	6.92	7.27	6.99	7.27	8.75
Utah	6.15	6.85	6.61	7.16	6.38	6.77	6.33	5.59
Vermont	9.60	9.29	9.23	9.33	10.39	9.45	9.82	11.77
Virginia	12.76	13.60	NA	9.27	9.86	9.19	8.90	11.15
Washington	7.78	7.44	NA	7.46	9.35	7.47	8.19	9.29
West Virginia	8.86	7.26	7.80	NA	^R 8.37	7.84	8.08	8.87
Wisconsin	9.39	11.45	8.64	8.23	7.37	8.02	8.21	6.88
Wyoming	6.57	5.81	5.94	6.02	^R 5.49	4.20	5.02	5.18
Total	10.04	9.71	8.43	8.07	7.88	^R 7.84	7.97	8.59

See footnotes at end of table.

Table 21. Average Price of Natural Gas Sold to Residential Consumers, by State, 2001-2003

(Dollars per Thousand Cubic Feet) — Continued

State	2002							
	September	August	July	June	May	April	March	February
Alabama	14.37	14.52	14.40	12.98	13.39	11.07	9.40	10.06
Alaska	4.56	4.94	5.17	2.66	4.50	4.33	4.31	4.27
Arizona	16.03	16.37	16.04	14.59	13.73	12.26	12.27	11.41
Arkansas	10.06	10.09	10.17	10.01	9.70	9.22	8.74	8.86
California	7.26	7.15	7.20	7.16	7.29	6.84	5.99	6.67
Colorado	7.76	9.31	9.06	9.07	6.81	5.90	5.45	4.73
Connecticut	14.52	12.46	14.31	11.19	11.83	10.97	10.40	10.34
Delaware	15.71	15.95	14.97	13.64	12.31	11.18	10.81	10.75
District of Columbia	15.60	11.36	11.55	11.59	11.87	12.76	10.88	10.23
Florida	17.09	16.96	16.53	15.73	15.15	13.81	12.28	11.75
Georgia	13.81	13.98	14.73	13.40	13.37	11.78	9.52	8.72
Hawaii	24.67	26.27	24.92	23.67	23.59	23.17	23.21	23.30
Idaho	7.94	8.63	9.56	9.74	9.34	9.16	8.96	8.79
Illinois	9.52	10.07	10.27	10.00	7.89	5.62	5.05	5.01
Indiana	10.95	11.35	12.85	12.12	8.89	7.67	6.37	6.58
Iowa	12.51	13.51	13.02	10.49	7.52	6.43	5.90	5.71
Kansas	12.12	12.61	12.64	11.69	10.43	8.69	7.39	7.15
Kentucky	10.44	11.28	11.32	9.65	10.15	7.47	6.25	7.51
Louisiana	NA	9.94	9.98	9.60	9.30	7.96	6.87	6.78
Maine	12.43	14.04	13.74	^R 12.43	10.51	11.69	11.55	11.42
Maryland	12.72	14.78	14.77	13.24	11.83	10.55	9.05	8.34
Massachusetts	11.64	12.05	10.96	9.76	9.05	9.62	9.72	9.46
Michigan	8.85	9.20	8.65	7.18	6.52	6.14	6.11	6.07
Minnesota	7.85	NA	8.38	7.84	6.62	6.80	5.87	5.75
Mississippi	9.69	9.09	9.09	9.36	9.68	7.83	6.37	6.92
Missouri	12.47	13.46	12.69	10.71	8.89	7.40	6.91	7.25
Montana	6.06	6.84	6.35	5.85	5.16	5.23	4.98	5.35
Nebraska	9.48	9.83	9.54	8.49	7.11	5.81	5.19	5.26
Nevada	11.36	11.85	11.45	10.78	10.55	9.64	9.20	9.07
New Hampshire	12.08	13.24	12.22	10.30	10.15	9.88	9.57	9.46
New Jersey	8.08	8.15	8.02	7.67	6.72	6.71	6.95	6.91
New Mexico	9.56	9.78	9.65	9.07	7.77	5.23	4.45	^R 5.08
New York	13.12	13.47	13.11	11.72	10.02	9.40	9.20	8.74
North Carolina	14.85	16.04	15.20	13.50	11.06	8.79	8.02	8.59
North Dakota	6.43	NA	7.74	7.37	6.07	5.30	4.52	4.71
Ohio	10.41	10.60	8.97	8.07	7.17	6.99	6.77	7.22
Oklahoma	10.77	10.59	NA	9.68	9.02	7.54	7.48	7.61
Oregon	12.77	13.14	12.29	11.55	10.61	10.73	10.61	10.55
Pennsylvania	14.02	14.49	13.49	11.90	10.25	8.92	8.55	8.68
Rhode Island	15.00	15.71	14.57	12.72	11.74	11.75	11.49	11.26
South Carolina	11.87	11.70	11.27	10.75	10.40	10.01	9.26	9.93
South Dakota	9.32	10.26	10.81	9.45	7.29	6.67	6.17	6.03
Tennessee	10.47	10.92	10.72	9.77	9.39	7.70	7.27	7.62
Texas	10.67	10.79	10.72	10.68	10.45	7.12	6.00	6.17
Utah	7.48	7.53	7.22	7.10	6.52	6.68	6.06	6.17
Vermont	14.04	14.29	13.59	11.84	10.79	10.27	10.05	9.97
Virginia	15.67	12.92	16.41	16.98	12.87	11.17	8.49	8.98
Washington	10.46	10.56	10.42	10.17	9.98	9.78	9.71	9.60
West Virginia	11.63	12.85	11.93	12.02	8.98	8.46	8.06	^R 7.95
Wisconsin	8.54	8.95	8.99	8.39	6.90	7.64	6.68	6.59
Wyoming	7.43	10.14	9.66	6.59	5.81	5.41	5.22	^R 5.59
Total	10.19	10.42	10.22	9.56	8.52	7.66	7.10	^R7.22

^R Revised Data.

NA Not Available.

Notes: Data through 2001 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. See Appendix A, Explanatory Note 9 for discussion of

computations and revision policy.

Sources: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," and Form EIA-910, "Monthly Natural Gas Marketer Survey."

Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2001-2003

(Dollars per Thousand Cubic Feet)

State	YTD 2003	YTD 2002	YTD 2001	2003				
				September	August	July	June	May
Alabama	9.86	8.99	10.57	11.59	10.91	9.85	11.05	11.68
Alaska	3.31	3.16	3.06	3.24	3.11	3.05	2.84	3.22
Arizona	7.62	8.62	7.64	7.89	7.81	7.56	7.58	7.56
Arkansas	7.43	6.98	8.22	9.29	9.48	9.47	9.72	9.69
California	NA	5.74	10.87	7.93	7.57	7.85	7.79	7.37
Colorado	5.34	4.86	8.42	6.59	6.92	7.00	6.81	6.68
Connecticut	10.66	NA	8.04	7.63	10.63	7.08	11.02	11.95
Delaware	8.74	9.71	10.21	9.65	9.63	9.49	10.28	9.93
District of Columbia	NA	10.51	12.43	10.82	11.35	11.60	11.80	11.63
Florida	11.06	7.83	11.22	10.61	11.11	11.51	11.71	11.71
Georgia	10.05	8.26	9.91	10.98	11.16	12.05	12.23	11.16
Hawaii	19.49	17.65	17.52	19.40	19.31	19.13	19.97	20.63
Idaho	6.44	8.21	7.32	8.34	8.42	7.70	6.64	6.44
Illinois	8.37	5.87	9.77	9.36	10.27	10.92	11.08	9.81
Indiana	8.66	6.73	9.35	8.14	9.78	10.23	10.67	9.58
Iowa	7.72	5.21	8.31	8.47	8.13	9.67	9.14	8.34
Kansas	8.08	7.15	8.87	11.40	^R 10.77	10.87	9.63	9.92
Kentucky	8.20	7.07	9.70	11.16	11.36	10.64	10.49	10.22
Louisiana	NA	6.51	9.12	8.60	8.52	8.92	9.19	8.68
Maine	11.29	9.53	10.84	11.23	11.43	11.58	11.41	17.75
Maryland	8.07	6.78	10.90	7.96	7.94	8.00	8.23	8.30
Massachusetts	10.87	8.40	11.77	12.74	^R 11.35	10.95	10.65	11.53
Michigan	6.65	6.00	5.35	8.74	8.49	8.97	8.23	7.34
Minnesota	7.73	NA	8.49	7.37	7.47	7.43	8.61	7.27
Mississippi	NA	6.03	8.89	6.03	6.78	7.62	7.66	7.65
Missouri	8.40	6.97	10.32	10.35	10.47	10.30	10.00	9.60
Montana	6.70	5.46	7.51	9.14	9.29	9.09	7.62	6.84
Nebraska	6.90	4.80	8.15	6.84	5.41	7.17	7.24	6.50
Nevada	7.23	7.67	7.68	7.28	7.25	7.24	7.16	7.21
New Hampshire	NA	8.87	11.75	13.01	11.76	13.23	14.09	11.39
New Jersey	8.37	5.88	8.24	5.91	6.14	9.15	8.42	13.38
New Mexico	6.75	4.35	7.29	6.96	7.69	7.88	6.94	6.76
New York	8.80	6.24	10.59	7.90	7.69	8.25	9.09	9.45
North Carolina	9.29	6.93	10.74	11.06	11.33	11.27	11.18	10.73
North Dakota	6.99	NA	8.24	8.04	7.55	8.31	8.03	7.13
Ohio	8.03	6.15	9.29	8.60	8.30	8.97	9.06	8.18
Oklahoma	8.01	7.31	9.16	9.99	10.02	10.40	9.87	9.46
Oregon	7.71	9.12	7.66	8.01	8.02	7.92	7.36	7.32
Pennsylvania	9.12	7.23	11.14	9.81	9.23	10.02	9.97	10.18
Rhode Island	10.06	10.20	10.62	13.60	12.80	10.77	11.88	10.46
South Carolina	9.93	7.70	10.59	9.81	9.86	9.87	10.25	9.90
South Dakota	7.13	5.11	8.37	7.79	7.92	8.46	8.37	7.39
Tennessee	8.40	7.03	9.88	8.49	8.99	9.32	8.74	7.93
Texas	7.56	5.34	7.09	7.38	^R 7.21	7.71	7.88	7.59
Utah	5.59	5.19	7.09	7.15	7.09	7.13	5.54	4.98
Vermont	7.85	8.33	7.79	8.24	8.19	8.29	8.07	7.89
Virginia	NA	6.91	9.95	10.47	10.16	11.12	10.09	10.73
Washington	NA	8.69	8.67	7.83	NA	^R 7.88	7.62	7.40
West Virginia	NA	7.57	6.68	NA	NA	NA	7.56	NA
Wisconsin	8.18	5.85	8.46	7.98	8.24	8.26	8.65	7.39
Wyoming	5.29	5.00	9.00	7.48	7.68	7.90	6.59	5.55
Total	8.22	6.43	9.07	8.33	^R8.29	^R8.75	8.87	8.69

See footnotes at end of table.

Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2001-2003

(Dollars per Thousand Cubic Feet) — Continued

State	2003				2002			
	April	March	February	January	Total	December	November	October
Alabama	11.57	10.00	8.80	8.70	8.99	8.69	9.20	9.62
Alaska	3.30	3.79	3.77	3.39	3.03	2.92	2.77	2.71
Arizona	7.37	7.72	7.63	7.59	8.45	7.68	8.01	8.20
Arkansas	8.48	7.03	6.09	6.20	6.96	6.91	6.93	6.76
California	8.72	8.73	8.18	NA	5.99	7.35	6.94	5.77
Colorado	6.72	5.10	4.10	4.16	4.58	3.94	4.15	4.06
Connecticut	11.85	13.35	9.57	10.08	NA	8.74	8.39	7.79
Delaware	9.12	9.29	8.26	7.61	9.40	8.15	8.84	10.07
District of Columbia	12.28	13.41	12.13	NA	10.44	10.09	10.69	10.19
Florida	11.70	12.54	10.15	9.56	7.98	8.71	8.49	8.06
Georgia	11.05	11.40	8.97	8.09	8.05	7.31	7.46	8.78
Hawaii	20.34	19.55	18.65	18.59	17.81	18.89	17.42	18.55
Idaho	6.42	6.09	6.05	6.03	7.73	6.12	6.59	6.72
Illinois	9.21	9.50	7.19	6.99	6.19	6.75	6.93	6.89
Indiana	10.18	9.79	7.82	7.73	6.74	6.97	6.76	6.21
Iowa	8.50	8.50	6.90	6.78	5.48	6.09	6.01	5.92
Kansas	9.52	7.67	7.29	6.80	7.07	6.97	6.34	7.63
Kentucky	9.48	8.09	7.28	6.99	7.07	6.92	7.23	7.24
Louisiana	8.22	NA	NA	8.03	6.83	7.92	7.99	7.47
Maine	11.53	11.11	^R 11.01	10.13	^R 9.35	9.01	9.41	8.45
Maryland	8.21	8.95	7.85	7.57	6.86	7.19	6.84	6.81
Massachusetts	13.18	11.56	10.76	8.80	^R 8.76	^R 11.04	^R 9.60	^R 6.41
Michigan	6.92	6.55	6.07	6.03	6.05	6.22	6.01	6.51
Minnesota	7.29	10.22	7.28	6.66	NA	6.24	6.20	5.36
Mississippi	7.56	NA	NA	7.54	NA	6.71	NA	6.62
Missouri	8.95	8.14	7.81	7.52	7.08	7.43	7.23	7.55
Montana	6.99	6.37	6.10	5.87	5.28	5.05	4.69	4.69
Nebraska	7.49	8.12	6.57	6.15	5.02	5.88	5.52	4.88
Nevada	7.34	7.06	7.34	7.19	7.66	7.47	7.77	7.76
New Hampshire	9.73	9.26	9.04	NA	^R 8.52	^R 7.66	^R 7.56	^R 9.04
New Jersey	7.71	9.98	8.09	7.57	6.29	7.25	7.08	7.24
New Mexico	7.68	7.25	6.28	5.75	4.53	5.25	4.90	4.83
New York	9.65	9.99	8.51	8.13	6.44	7.56	6.59	6.41
North Carolina	10.13	9.41	8.07	8.02	7.15	7.67	7.85	7.33
North Dakota	6.89	8.80	6.25	5.78	NA	5.16	4.92	4.01
Ohio	9.18	8.31	7.93	7.11	6.31	6.71	6.67	6.62
Oklahoma	8.58	7.73	7.63	6.87	7.28	7.16	7.07	7.67
Oregon	7.72	7.77	7.74	7.76	8.83	7.78	7.76	8.69
Pennsylvania	9.62	9.48	8.83	8.16	7.44	7.99	7.92	7.77
Rhode Island	10.90	9.35	9.34	9.43	10.05	9.28	10.09	10.03
South Carolina	10.74	11.37	9.52	8.90	7.89	8.66	8.58	7.47
South Dakota	7.90	7.89	6.59	6.04	5.25	6.17	5.24	4.87
Tennessee	8.74	9.61	8.52	7.13	7.12	7.37	7.24	7.44
Texas	7.89	8.68	7.90	6.31	NA	6.36	NA	6.23
Utah	4.76	5.57	5.34	5.66	5.21	5.57	5.33	4.57
Vermont	7.81	7.74	7.78	7.79	8.20	7.80	7.81	8.08
Virginia	9.93	11.28	NA	7.76	7.00	7.54	6.81	6.82
Washington	6.71	6.68	6.69	6.67	8.30	6.71	7.28	7.80
West Virginia	NA	NA	7.27	7.13	7.48	7.11	7.38	7.67
Wisconsin	8.17	10.29	7.66	7.30	6.14	7.01	7.00	5.48
Wyoming	4.65	4.88	4.66	4.59	4.77	3.59	4.07	4.23
Total	8.74	8.95	7.81	7.31	^R6.56	7.07	^R6.78	^R6.53

See footnotes at end of table.

Table 22. Average Price of Natural Gas Sold to Commercial Consumers, by State, 2001-2003

(Dollars per Thousand Cubic Feet) — Continued

State	2002							
	September	August	July	June	May	April	March	February
Alabama	9.56	9.57	9.55	9.22	9.45	9.24	8.63	8.99
Alaska	3.14	3.14	3.04	1.99	2.91	3.34	3.40	3.32
Arizona	8.09	8.09	7.99	8.03	8.16	8.24	9.04	8.98
Arkansas	7.17	6.72	6.96	6.95	7.22	7.19	6.88	7.04
California	5.40	5.29	5.44	5.36	5.63	6.07	5.50	5.84
Colorado	5.07	5.49	5.56	5.68	4.97	4.83	5.04	4.18
Connecticut	5.24	6.29	6.93	7.35	6.83	7.25	5.98	NA
Delaware	10.50	10.73	10.83	10.67	9.77	9.70	9.41	9.34
District of Columbia	10.96	10.51	10.36	10.71	10.53	11.61	10.36	10.07
Florida	8.35	8.09	8.10	8.05	7.91	7.73	7.34	7.63
Georgia	9.59	10.25	11.20	10.46	9.46	9.45	7.54	7.06
Hawaii	18.38	17.83	18.41	18.39	17.24	16.97	16.92	17.03
Idaho	6.56	6.86	7.79	8.75	8.66	8.59	8.30	8.18
Illinois	7.74	8.21	8.61	8.91	7.36	5.61	5.31	5.11
Indiana	7.89	8.03	9.38	8.91	7.95	7.27	5.80	5.87
Iowa	6.82	7.34	7.12	6.63	5.81	5.21	4.98	4.69
Kansas	7.67	7.50	8.46	8.84	8.09	7.59	6.64	6.55
Kentucky	8.03	8.06	7.77	7.40	7.23	6.72	6.03	7.12
Louisiana	6.81	6.44	6.70	6.10	6.54	6.72	6.57	6.13
Maine	7.93	7.77	7.94	8.37	7.75	^R 9.98	10.36	10.81
Maryland	6.39	6.26	6.60	6.77	7.19	6.73	6.74	6.61
Massachusetts	^R 7.34	^R 6.82	^R 8.03	^R 8.43	^R 7.67	^R 8.19	^R 8.35	^R 8.79
Michigan	7.51	7.44	6.97	6.56	6.10	5.82	5.91	5.88
Minnesota	5.38	NA	5.27	5.53	5.76	5.83	^R 5.03	^R 3.83
Mississippi	5.95	5.37	5.52	6.09	6.32	6.43	5.49	6.14
Missouri	8.11	8.46	8.46	7.58	6.97	6.69	6.45	6.84
Montana	5.64	5.86	5.86	5.67	5.27	5.33	5.06	5.44
Nebraska	4.81	4.64	4.84	5.01	5.11	4.91	4.62	4.65
Nevada	7.55	7.50	7.53	6.81	7.23	7.02	8.07	7.81
New Hampshire	^R 8.14	^R 9.14	^R 10.10	^R 8.40	^R 8.54	^R 9.21	^R 8.20	^R 9.45
New Jersey	6.47	6.52	6.53	6.27	5.89	5.79	6.24	5.72
New Mexico	7.71	5.05	4.89	4.98	4.64	3.65	3.47	4.12
New York	5.58	5.41	5.56	6.38	6.47	6.44	6.32	6.53
North Carolina	7.66	7.83	7.84	6.85	6.53	6.34	6.54	6.94
North Dakota	4.33	NA	4.56	5.02	4.42	5.01	4.34	3.78
Ohio	6.53	6.64	6.11	6.00	5.90	5.92	5.81	6.31
Oklahoma	7.59	7.27	7.15	7.39	7.22	6.87	7.34	7.50
Oregon	9.32	9.28	9.04	9.17	8.82	9.11	9.12	9.18
Pennsylvania	7.24	7.13	7.49	7.37	7.29	7.17	7.16	7.18
Rhode Island	11.56	10.55	10.80	10.57	10.54	10.21	9.98	9.96
South Carolina	7.47	7.37	7.20	7.55	7.35	8.07	7.81	7.73
South Dakota	5.63	5.91	5.95	6.10	5.60	5.15	5.03	4.71
Tennessee	7.26	7.37	8.31	7.30	7.27	6.63	6.74	7.20
Texas	5.60	5.41	5.60	5.72	5.71	5.17	5.00	5.29
Utah	5.45	5.15	4.92	4.92	4.86	5.14	5.17	5.25
Vermont	8.63	8.69	8.68	8.49	8.29	8.29	8.23	8.30
Virginia	7.99	7.62	7.91	8.38	7.57	7.23	5.81	6.80
Washington	8.09	8.03	7.92	8.34	8.79	8.77	8.90	8.86
West Virginia	9.09	9.39	9.25	8.73	8.21	7.42	6.99	7.53
Wisconsin	5.83	5.86	6.09	6.11	5.41	6.49	5.70	5.52
Wyoming	4.92	5.59	4.91	5.06	4.87	4.90	4.92	5.15
Total	^R6.47	^R6.37	^R6.54	^R6.72	^R6.63	^R6.50	6.23	^R6.34

^R Revised Data.

NA Not Available.

Notes: Data through 2001 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Average prices for gas delivered to commercial consumers reflect onsystem sales prices only except in the States of Georgia, Maryland, New York, Ohio and Pennsylvania. See Appendix A, Explanatory Note 9 for

discussion of computations and revision policy. See Table 25 for data on onsystem sales expressed as a percentage of both total commercial and total industrial deliveries.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," and Form EIA-910, "Monthly Natural Gas Marketer Survey."

Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2001-2003

(Dollars per Thousand Cubic Feet)

State	YTD 2003	YTD 2002	YTD 2001	2003				
				September	August	July	June	May
Alabama	NA	4.28	6.84	6.15	6.07	6.01	6.94	6.59
Alaska	1.78	1.63	1.61	1.87	1.87	1.95	1.78	1.63
Arizona	6.55	NA	6.16	7.15	6.53	6.68	6.25	6.48
Arkansas	6.55	5.87	6.64	7.09	7.44	7.02	7.32	7.20
California	7.23	4.83	7.59	7.19	6.95	6.94	7.04	6.67
Colorado	3.58	4.73	4.52	3.49	3.44	3.49	3.71	3.62
Connecticut	7.46	4.77	7.38	6.55	6.25	6.83	7.32	6.76
Delaware	6.50	6.28	7.12	7.36	6.79	6.46	6.87	6.80
District of Columbia	—	—	—	—	—	—	—	—
Florida	NA	4.85	7.63	8.25	8.36	NA	6.80	7.16
Georgia	5.82	5.03	6.60	5.84	5.88	4.13	4.61	4.57
Hawaii	11.73	10.04	11.19	12.15	12.14	11.82	12.19	12.35
Idaho	5.65	7.29	6.05	6.35	6.50	6.40	5.21	5.24
Illinois	7.35	4.87	7.98	7.73	7.49	8.56	8.22	6.61
Indiana	8.50	6.00	9.59	6.18	8.82	9.60	10.71	8.05
Iowa	7.01	4.82	7.83	6.23	5.20	7.33	6.97	6.72
Kansas	6.45	3.96	5.28	5.71	^R 6.03	6.50	6.91	6.40
Kentucky	6.70	4.36	7.02	6.53	6.16	6.68	6.99	6.53
Louisiana	5.66	3.66	5.65	5.11	4.89	5.55	6.09	5.35
Maine	10.15	8.14	8.72	9.14	10.29	9.96	9.83	10.77
Maryland	NA	7.00	9.82	9.17	NA	9.63	11.69	10.92
Massachusetts	10.12	7.25	9.71	10.32	9.84	9.50	8.78	10.95
Michigan	5.43	NA	4.67	6.74	6.81	5.42	6.65	5.81
Minnesota	6.09	3.99	5.78	5.53	5.58	6.10	6.05	5.63
Mississippi	6.48	4.08	6.31	6.76	5.91	6.03	6.60	6.03
Missouri	7.90	5.63	8.98	8.30	8.35	7.35	8.50	8.54
Montana	NA	3.92	5.26	NA	NA	6.70	4.98	4.99
Nebraska	5.94	3.96	6.42	5.57	5.96	6.27	5.51	6.43
Nevada	8.76	7.53	6.30	8.82	8.94	8.87	9.24	8.83
New Hampshire	NA	8.00	9.94	7.69	10.74	11.56	10.71	9.30
New Jersey	6.97	4.60	7.31	5.73	5.91	7.21	6.65	4.28
New Mexico	6.17	3.86	6.54	5.56	6.18	6.69	5.93	5.72
New York	NA	5.54	8.29	7.44	NA	7.67	7.40	7.63
North Carolina	NA	4.54	7.58	5.29	5.64	6.09	6.94	5.79
North Dakota	5.42	4.16	6.12	4.65	5.80	5.25	5.18	5.08
Ohio	8.07	6.09	6.95	9.19	8.88	10.35	9.98	8.76
Oklahoma	7.31	6.68	8.32	8.23	8.00	8.44	7.80	9.14
Oregon	5.86	7.24	5.78	5.57	5.70	5.89	5.88	5.59
Pennsylvania	8.20	6.84	7.51	7.40	^R 6.87	8.04	8.18	7.93
Rhode Island	8.47	5.52	6.94	8.64	8.62	8.59	8.59	7.88
South Carolina	7.12	4.25	6.21	6.51	6.34	6.93	7.59	6.62
South Dakota	5.75	4.17	6.71	5.88	^R 6.96	5.99	5.33	5.15
Tennessee	6.05	5.09	7.61	5.08	4.71	5.28	5.48	5.17
Texas	5.58	3.18	4.96	4.97	4.95	5.45	6.43	5.39
Utah	4.86	4.03	5.47	5.56	5.49	5.71	4.96	4.48
Vermont	4.75	4.29	5.34	4.78	4.84	4.88	4.95	3.62
Virginia	NA	4.40	6.42	6.03	4.43	6.17	6.82	6.94
Washington	NA	4.89	5.62	6.33	NA	NA	6.89	5.82
West Virginia	NA	4.31	5.58	NA	NA	NA	6.99	6.36
Wisconsin	7.51	5.10	8.29	6.90	6.67	7.28	7.78	6.93
Wyoming	6.31	4.58	6.67	7.27	7.32	7.24	7.27	6.05
Total	5.94	3.80	5.83	5.31	^R5.23	5.64	6.37	5.60

See footnotes at end of table.

Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2001-2003

(Dollars per Thousand Cubic Feet) — Continued

State	2003				2002			
	April	March	February	January	Total	December	November	October
Alabama	6.62	8.91	6.82	NA	4.30	4.55	4.66	3.75
Alaska	1.69	1.70	1.82	1.72	1.63	1.68	1.69	1.58
Arizona	5.90	6.77	5.70	7.37	NA	5.94	6.12	6.07
Arkansas	6.58	6.41	5.59	5.66	5.97	6.72	6.30	5.71
California	7.87	7.77	7.18	7.36	5.07	6.17	5.97	5.16
Colorado	3.60	4.14	6.57	6.25	^R 4.81	6.21	5.52	4.68
Connecticut	8.22	8.81	8.11	7.38	^R 5.01	^R 6.15	5.68	4.93
Delaware	6.80	7.24	5.88	5.40	6.16	5.53	5.84	6.34
District of Columbia	—	—	—	—	—	—	—	—
Florida	7.30	5.74	6.19	5.46	4.91	5.43	4.87	4.96
Georgia	4.64	9.16	7.09	6.55	5.23	6.20	5.93	5.31
Hawaii	12.15	11.35	10.92	10.62	10.17	10.71	10.98	10.24
Idaho	5.26	5.41	5.37	5.56	6.76	4.91	4.26	5.45
Illinois	7.35	8.76	6.85	6.29	5.19	6.04	6.02	5.38
Indiana	10.36	11.23	8.04	7.06	5.74	6.16	5.41	4.37
Iowa	5.62	7.78	7.77	7.46	5.37	6.88	6.01	5.48
Kansas	7.86	7.50	6.58	6.74	4.10	5.28	5.48	4.62
Kentucky	6.48	8.83	6.40	5.89	4.59	5.31	5.41	4.62
Louisiana	5.34	8.02	5.64	5.14	3.90	4.52	4.48	4.07
Maine	10.80	9.98	9.95	10.32	^R 8.42	^R 10.00	^R 9.75	^R 7.59
Maryland	11.40	11.36	8.61	8.40	6.95	6.99	6.68	6.62
Massachusetts	11.87	10.56	^R 10.02	^R 8.87	^R 7.48	^R 9.69	^R 7.00	^R 5.94
Michigan	5.59	5.45	5.02	4.87	NA	3.70	5.03	5.14
Minnesota	5.76	8.90	5.88	5.36	^R 4.23	4.74	5.05	4.26
Mississippi	5.51	8.68	6.90	5.60	4.34	5.27	5.19	4.75
Missouri	9.53	7.79	7.47	7.05	5.85	6.76	6.41	6.28
Montana	4.61	5.03	4.81	4.70	3.92	4.01	3.70	4.12
Nebraska	6.05	7.11	5.57	5.22	4.14	4.95	4.75	4.12
Nevada	8.72	8.94	8.64	8.39	7.69	7.17	9.32	8.96
New Hampshire	8.51	8.38	8.26	NA	^R 7.77	^R 7.55	^R 7.85	6.55
New Jersey	8.50	8.78	7.63	6.38	4.93	6.24	5.59	5.32
New Mexico	6.81	6.96	6.10	5.60	4.19	6.23	5.34	4.01
New York	9.45	8.87	NA	6.99	5.68	6.86	6.08	5.16
North Carolina	NA	6.63	5.84	5.77	4.87	6.49	5.76	4.97
North Dakota	5.47	8.32	6.14	4.58	^R 4.31	5.00	4.69	4.21
Ohio	8.69	8.56	7.52	6.78	6.25	6.59	6.68	6.26
Oklahoma	7.68	6.68	7.13	6.47	6.58	6.34	6.15	6.07
Oregon	6.04	6.14	6.20	5.88	6.95	5.90	5.83	5.87
Pennsylvania	8.28	9.82	8.05	7.97	6.89	7.21	7.37	6.21
Rhode Island	8.70	7.18	7.29	13.24	5.20	6.89	3.16	5.54
South Carolina	6.97	9.87	7.11	6.58	4.52	5.54	5.39	5.11
South Dakota	5.80	^R 6.76	5.27	4.89	4.26	4.61	4.35	3.98
Tennessee	6.04	7.56	7.30	7.21	5.22	5.92	5.60	5.12
Texas	5.13	8.27	5.80	4.67	3.35	4.17	4.01	3.70
Utah	4.38	5.08	4.30	4.31	3.90	4.29	3.69	2.59
Vermont	5.15	5.04	4.67	4.92	4.39	4.80	4.47	4.61
Virginia	6.66	9.86	NA	6.33	4.46	5.84	4.25	3.34
Washington	6.04	5.87	4.43	5.05	4.80	5.15	4.60	3.86
West Virginia	6.96	NA	8.29	6.32	4.58	5.58	5.57	5.01
Wisconsin	7.45	10.07	6.98	6.62	5.42	6.35	6.58	4.99
Wyoming	5.65	5.88	5.79	5.86	4.52	4.50	4.39	4.09
Total	5.88	8.05	^R6.18	^R5.37	3.99	^R4.89	^R4.66	4.13

See footnotes at end of table.

Table 23. Average Price of Natural Gas Sold to Industrial Consumers, by State, 2001-2003

(Dollars per Thousand Cubic Feet) — Continued

State	2002							
	September	August	July	June	May	April	March	February
Alabama	3.95	3.72	3.89	3.95	4.77	4.28	4.28	4.67
Alaska	1.57	1.56	1.51	1.66	1.62	1.64	1.66	1.68
Arizona	6.38	6.35	6.31	6.20	6.34	6.44	NA	7.18
Arkansas	6.05	5.35	5.62	5.82	6.02	5.88	5.84	6.12
California	4.58	4.42	4.66	4.57	4.98	5.63	4.37	4.63
Colorado	4.43	4.23	4.32	4.69	4.88	5.16	^R 5.82	7.80
Connecticut	4.97	4.16	4.12	4.76	4.86	^R 4.19	^R 5.00	^R 5.02
Delaware	6.68	6.47	6.29	7.23	5.47	6.16	6.11	6.02
District of Columbia	—	—	—	—	—	—	—	—
Florida	4.86	4.75	4.82	5.12	4.84	4.29	4.97	4.91
Georgia	5.37	5.23	5.51	5.42	7.25	5.01	3.76	3.96
Hawaii	10.65	10.43	10.22	10.63	9.97	9.66	9.85	10.48
Idaho	5.43	5.94	5.70	7.48	7.78	7.75	8.07	7.65
Illinois	5.17	5.36	5.19	5.67	6.02	4.84	4.43	4.65
Indiana	4.42	5.04	5.47	6.17	7.63	7.18	4.60	6.20
Iowa	4.92	4.75	5.03	5.17	5.16	4.79	4.69	4.40
Kansas	3.93	3.75	3.83	3.88	3.99	4.00	4.02	4.93
Kentucky	4.21	3.95	4.10	4.22	4.46	4.53	4.11	4.65
Louisiana	4.02	3.41	3.67	3.58	3.80	3.69	3.62	3.26
Maine	^R 7.44	^R 7.58	^R 6.63	^R 7.63	^R 7.32	^R 8.06	^R 8.42	^R 8.79
Maryland	6.52	7.55	6.59	8.24	8.15	6.16	6.75	6.12
Massachusetts	^R 7.67	^R 5.67	^R 5.36	^R 6.13	^R 7.70	^R 7.08	^R 7.31	^R 7.52
Michigan	5.20	5.39	NA	5.09	4.93	4.81	4.97	5.01
Minnesota	4.02	^R 4.00	^R 5.04	4.88	3.96	4.54	3.48	^R 3.51
Mississippi	4.18	4.11	4.27	4.21	4.76	4.19	3.58	3.69
Missouri	6.02	6.08	6.29	5.92	5.94	5.88	5.00	5.29
Montana	4.67	5.14	4.57	3.74	3.41	3.58	3.72	3.90
Nebraska	3.98	3.82	4.04	3.64	4.33	4.36	3.90	3.59
Nevada	8.98	8.92	9.01	6.63	7.03	6.73	7.85	7.01
New Hampshire	^R 5.94	6.63	^R 6.33	^R 6.04	^R 6.95	^R 8.22	^R 7.81	^R 12.45
New Jersey	4.34	4.81	5.01	4.95	5.06	4.86	4.17	4.58
New Mexico	3.80	3.79	3.77	3.96	3.90	3.43	3.94	4.41
New York	4.71	4.64	4.88	5.04	5.35	5.79	6.13	6.02
North Carolina	4.59	4.58	4.91	4.81	4.24	4.56	3.54	4.55
North Dakota	3.79	3.42	3.83	3.92	5.30	4.49	^R 5.34	^R 3.09
Ohio	6.62	5.88	5.39	5.56	5.34	6.06	5.80	6.22
Oklahoma	5.39	5.19	7.12	6.39	6.04	7.58	7.04	7.06
Oregon	7.32	7.18	6.74	7.06	7.23	7.15	7.29	7.38
Pennsylvania	5.92	6.08	6.11	5.96	6.25	7.06	7.50	7.45
Rhode Island	4.59	4.65	4.91	4.67	6.88	5.75	5.87	6.70
South Carolina	4.72	4.62	4.53	4.50	4.51	4.36	3.72	3.41
South Dakota	3.88	4.49	4.51	4.53	4.41	4.06	4.08	4.10
Tennessee	5.07	4.56	4.57	4.99	5.26	5.21	5.29	5.12
Texas	3.47	3.18	3.46	3.47	3.58	2.89	2.78	2.41
Utah	2.59	2.79	2.87	4.05	4.34	4.63	4.59	4.74
Vermont	4.22	4.04	4.19	4.23	4.41	4.08	4.36	4.40
Virginia	2.97	3.52	3.88	4.40	4.10	4.79	4.98	4.79
Washington	4.37	4.57	3.41	5.28	4.52	5.09	4.85	5.61
West Virginia	4.33	4.34	4.35	4.74	4.54	4.76	4.05	3.75
Wisconsin	4.57	4.42	4.80	5.35	4.65	5.70	5.02	4.99
Wyoming	4.20	4.32	4.21	4.69	4.60	4.73	4.71	4.75
Total	3.84	^R3.59	^R3.75	3.81	4.02	3.61	^R3.79	^R3.72

^R Revised Data.

NA Not Available.

— Not Applicable.

Notes: Data through 2001 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District of Columbia. Average prices for gas delivered to industrial consumers

reflect onsystem sales prices only. See Appendix A, Explanatory Note 9 for discussion of computations and revision policy. See Table 25 for data on onsystem sales expressed as a percentage of both total commercial and total industrial deliveries.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Table 24. Average Price of Natural Gas Sold to Electric Utility^a Consumers, by State, 2001-2003

(Dollars per Thousand Cubic Feet)

State	YTD 2003	YTD 2002	YTD 2001	2003				
				August	July	June	May	April
Alabama	6.34	3.28	7.14	5.32	5.70	6.48	6.63	6.51
Alaska	2.14	2.42	2.25	2.58	2.57	2.07	2.08	2.11
Arizona	5.39	3.09	5.20	5.19	5.45	5.88	5.12	4.04
Arkansas	6.01	3.46	4.92	5.36	5.44	9.91	6.37	5.68
California	5.21	4.13	10.48	5.22	5.43	5.24	5.13	4.55
Colorado	4.29	2.52	4.36	4.48	4.78	5.27	4.21	3.57
Connecticut	—	—	—	—	—	—	—	—
Delaware	6.80	3.53	4.67	6.22	6.14	7.12	7.46	6.70
District of Columbia	—	—	—	—	—	—	—	—
Florida	6.58	3.93	5.78	6.17	6.43	7.03	6.36	6.37
Georgia	3.85	3.36	3.73	5.42	2.74	5.78	2.21	5.80
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	7.43	3.47	4.64	5.25	7.17	8.01	6.87	7.84
Indiana	8.88	3.61	5.43	5.92	7.17	6.60	4.49	11.27
Iowa	6.20	3.60	5.28	5.87	6.15	6.63	6.07	5.89
Kansas	5.48	3.01	3.79	4.93	5.27	5.76	5.11	4.95
Kentucky	7.13	4.16	6.53	5.50	5.85	6.94	8.96	12.35
Louisiana	6.62	3.41	4.97	5.44	5.85	6.55	6.07	5.90
Maine	—	—	—	—	—	—	—	—
Maryland	—	—	—	—	—	—	—	—
Massachusetts	7.75	3.76	4.20	5.59	5.71	6.10	6.94	7.95
Michigan	6.04	3.51	3.92	6.06	5.52	6.01	5.00	5.91
Minnesota	6.10	3.51	5.62	4.40	5.62	6.96	6.76	5.97
Mississippi	6.27	3.23	4.47	5.49	5.66	6.21	5.95	5.72
Missouri	5.21	3.32	5.06	4.99	4.93	6.09	5.79	5.25
Montana	5.74	4.88	8.28	6.51	17.50	9.56	6.58	5.21
Nebraska	6.79	3.51	4.71	5.38	6.36	6.72	6.97	5.91
Nevada	5.92	5.90	8.34	6.07	6.44	7.15	6.24	6.01
New Hampshire	—	3.55	3.54	—	—	—	—	—
New Jersey	6.33	—	—	5.76	6.33	—	—	—
New Mexico	5.52	3.10	4.73	4.94	5.17	5.61	4.83	4.53
New York	7.78	3.65	5.03	5.26	5.90	6.62	5.81	5.92
North Carolina	6.94	4.26	4.75	5.89	6.81	6.85	6.75	7.67
North Dakota	7.55	2.63	7.36	9.50	—	7.56	—	—
Ohio	7.94	5.01	8.51	7.20	8.81	7.88	6.15	6.35
Oklahoma	6.34	3.41	5.12	5.29	5.66	6.24	5.74	5.45
Oregon	3.88	2.98	3.98	4.59	4.22	4.65	4.19	4.12
Pennsylvania	—	—	8.87	—	—	—	—	—
Rhode Island	—	—	—	—	—	—	—	—
South Carolina	7.29	4.93	6.44	—	—	—	—	—
South Dakota	—	—	—	—	—	—	—	—
Tennessee	—	—	—	—	—	—	—	—
Texas	5.89	3.25	4.77	5.03	5.44	6.24	5.57	5.19
Utah	3.12	5.52	4.70	3.01	3.22	1.77	2.52	4.16
Vermont	—	3.18	4.83	—	—	—	—	—
Virginia	7.63	4.61	5.15	6.27	7.24	14.62	1.60	7.06
Washington	—	—	—	—	—	—	—	—
West Virginia	10.48	4.01	7.88	—	—	7.28	6.42	16.67
Wisconsin	6.24	3.62	5.18	5.36	5.88	6.34	5.75	5.69
Wyoming	3.08	4.84	4.03	3.91	1.90	3.00	3.27	3.86
Total	6.10	3.56	5.23	5.40	5.75	6.38	5.00	5.64

See footnotes at end of table.

Table 24. Average Price of Natural Gas Sold to Electric Utility^a Consumers, by State, 2001-2003

(Dollars per Thousand Cubic Feet) — Continued

State	2003			2002				
	March	February	January	Total	December	November	October	September
Alabama	7.23	6.81	5.55	3.59	4.82	4.67	4.35	3.54
Alaska	2.02	2.03	2.02	2.22	1.98	2.02	2.02	2.11
Arizona	5.78	6.16	5.08	3.26	4.82	3.97	3.60	3.08
Arkansas	5.52	6.78	6.44	3.60	4.89	4.26	4.28	3.89
California	5.81	5.22	4.50	4.07	4.65	4.25	3.69	3.69
Colorado	4.48	3.55	3.78	2.62	3.47	3.16	2.47	1.94
Connecticut	—	—	—	—	—	—	—	—
Delaware	7.00	9.21	7.28	3.66	5.58	4.23	4.90	4.17
District of Columbia	—	—	—	—	—	—	—	—
Florida	8.61	6.72	4.83	4.22	5.90	4.73	4.85	4.15
Georgia	—	—	—	3.10	6.65	2.35	1.85	4.06
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	9.33	6.41	6.37	3.53	5.50	5.00	5.20	4.01
Indiana	11.68	2.86	5.41	3.85	4.82	4.96	4.81	4.17
Iowa	5.98	6.59	5.74	3.87	4.89	5.15	4.52	3.78
Kansas	8.76	6.47	5.07	3.11	4.22	4.17	3.38	3.09
Kentucky	9.30	7.03	6.10	4.34	5.24	4.91	4.91	3.99
Louisiana	9.04	7.53	5.90	3.66	4.87	4.59	4.49	3.92
Maine	—	—	—	—	—	—	—	—
Maryland	—	—	—	—	—	—	—	—
Massachusetts	8.52	13.47	8.05	4.07	5.78	4.73	4.71	4.19
Michigan	6.49	7.16	6.17	3.79	4.75	8.11	4.67	3.87
Minnesota	9.68	6.72	3.90	3.95	7.23	4.86	4.52	4.82
Mississippi	6.91	7.15	6.00	3.63	5.27	4.29	4.19	3.69
Missouri	6.05	7.03	4.56	3.43	5.13	4.36	4.48	3.54
Montana	5.71	6.12	5.60	4.82	6.12	5.21	3.84	4.66
Nebraska	8.49	7.05	6.48	4.17	5.24	4.45	4.07	4.01
Nevada	5.75	4.34	4.61	5.60	4.31	4.96	4.88	5.43
New Hampshire	—	—	—	4.08	6.51	—	4.42	3.87
New Jersey	—	—	—	—	—	—	—	—
New Mexico	7.05	5.84	5.03	3.29	4.42	4.16	3.60	3.10
New York	11.00	8.16	7.20	3.88	5.63	5.17	4.50	3.94
North Carolina	—	—	7.52	4.37	5.95	6.07	5.95	4.51
North Dakota	—	—	7.50	2.52	—	—	2.00	—
Ohio	7.16	9.12	6.01	5.17	5.52	6.12	6.01	4.49
Oklahoma	8.81	7.36	5.58	3.61	4.96	4.93	4.31	3.50
Oregon	3.47	3.87	3.66	3.01	—	3.51	2.80	2.81
Pennsylvania	—	—	—	—	—	—	—	—
Rhode Island	—	—	—	—	—	—	—	—
South Carolina	—	—	7.29	5.16	—	4.94	6.03	5.42
South Dakota	—	—	—	—	—	—	—	—
Tennessee	—	—	—	—	—	—	—	—
Texas	7.48	6.16	5.10	3.47	4.51	4.18	3.89	3.50
Utah	3.47	—	—	4.82	—	3.63	2.96	3.62
Vermont	—	—	—	3.86	—	4.86	4.39	—
Virginia	8.38	8.97	6.44	4.92	7.44	8.98	6.37	4.61
Washington	—	—	—	—	—	—	—	—
West Virginia	17.44	10.70	7.28	4.53	8.40	9.03	4.84	4.07
Wisconsin	7.84	5.91	5.49	3.80	4.74	4.81	4.23	3.99
Wyoming	3.32	—	—	4.38	21.17	5.84	2.21	2.22
Total	7.73	6.38	5.13	3.78	4.86	4.47	4.27	3.78

See footnotes at end of table.

Table 24. Average Price of Natural Gas Sold to Electric Utility^a Consumers, by State, 2001-2003

(Dollars per Thousand Cubic Feet) — Continued

State	2002							
	August	July	June	May	April	March	February	January
Alabama	3.42	3.43	3.32	3.82	3.75	3.07	2.44	2.66
Alaska	2.12	2.12	2.40	2.38	2.46	2.77	2.57	2.57
Arizona	2.95	3.07	3.01	3.23	3.29	3.45	2.66	3.33
Arkansas	3.25	3.42	3.60	4.16	3.69	3.82	2.66	2.64
California	4.04	3.66	3.64	3.80	4.09	4.42	4.58	5.93
Colorado	2.21	1.83	2.02	2.68	3.03	3.01	2.67	2.95
Connecticut	—	—	—	—	—	—	—	—
Delaware	4.03	3.21	3.43	4.12	3.86	3.86	3.05	3.30
District of Columbia	—	—	—	—	—	—	—	—
Florida	3.93	4.00	4.11	4.30	4.27	3.64	3.29	3.48
Georgia	3.59	3.25	2.98	2.81	3.86	3.67	2.70	8.67
Hawaii	—	—	—	—	—	—	—	—
Idaho	—	—	—	—	—	—	—	—
Illinois	3.18	3.19	3.57	5.71	4.34	3.19	3.14	3.23
Indiana	4.49	4.16	2.61	6.35	3.25	3.25	3.07	3.36
Iowa	3.28	3.73	3.89	4.20	4.34	3.18	2.91	3.44
Kansas	2.97	3.04	3.24	3.39	3.45	2.94	2.27	2.26
Kentucky	3.67	3.70	3.82	4.05	5.70	4.61	3.97	3.55
Louisiana	3.36	3.54	3.66	3.84	3.77	3.18	2.49	2.76
Maine	—	—	—	—	—	—	—	—
Maryland	—	—	—	—	—	—	—	—
Massachusetts	3.65	3.70	4.04	4.05	4.02	3.89	3.26	3.23
Michigan	3.27	3.48	3.61	4.22	4.01	3.44	3.04	3.51
Minnesota	3.91	3.28	3.53	3.66	3.96	2.55	4.16	3.94
Mississippi	3.32	3.36	3.55	3.74	3.60	2.83	2.36	2.62
Missouri	3.20	3.25	3.26	3.68	3.72	3.24	3.04	3.19
Montana	4.65	6.13	4.71	4.90	4.98	4.82	4.69	4.89
Nebraska	3.80	3.12	3.93	4.47	3.65	4.57	2.22	3.12
Nevada	4.50	4.93	5.09	5.25	6.13	7.28	8.09	7.83
New Hampshire	3.58	3.38	3.39	3.81	3.97	—	—	—
New Jersey	—	—	—	—	—	—	—	—
New Mexico	3.05	3.13	3.04	3.15	3.13	3.47	2.91	2.68
New York	3.79	3.85	3.88	3.94	3.86	3.26	2.83	3.38
North Carolina	4.30	4.29	4.32	3.80	3.79	4.84	4.47	4.88
North Dakota	—	2.14	—	—	—	2.68	2.89	—
Ohio	4.33	4.66	4.95	5.15	6.36	5.78	3.98	5.95
Oklahoma	3.34	3.42	3.50	3.80	3.81	3.17	2.90	3.15
Oregon	2.35	2.38	2.95	3.15	2.95	3.30	2.96	3.36
Pennsylvania	—	—	—	—	—	—	—	—
Rhode Island	—	—	—	—	—	—	—	—
South Carolina	5.38	5.37	5.28	—	4.29	4.48	6.12	4.11
South Dakota	—	—	—	—	—	—	—	—
Tennessee	—	—	—	—	—	—	—	—
Texas	3.17	3.40	3.45	3.58	3.54	3.05	2.66	2.74
Utah	3.69	4.33	5.13	—	3.54	6.10	9.98	11.71
Vermont	—	—	—	—	—	3.13	2.73	3.54
Virginia	3.93	3.98	4.39	5.59	5.55	12.56	12.17	8.92
Washington	—	—	—	—	—	—	—	—
West Virginia	4.18	3.39	6.52	4.46	3.90	3.44	2.98	4.66
Wisconsin	3.42	3.57	3.90	3.92	3.98	3.41	3.30	3.27
Wyoming	2.89	2.85	—	—	3.91	4.43	5.09	7.21
Total	3.48	3.54	3.69	3.90	3.90	3.52	3.05	3.31

^a Includes all steam electric utility generating plants with a combined capacity of 50 megawatts or greater.

— Not Applicable.

Notes: Data through 2001 are final. All other data are preliminary unless otherwise indicated. Geographic coverage is the 50 States and the District

of Columbia.

Sources: Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants," and Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2001-2003

State	YTD 2003		YTD 2002		YTD 2001		2003	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	September	
							Commercial	Industrial
Alabama	78.2	NA	76.7	16.5	84.1	22.3	69.7	14.0
Alaska	61.0	81.4	60.0	88.3	61.2	95.8	67.2	70.6
Arizona	91.5	35.2	92.1	NA	91.9	44.1	92.1	41.9
Arkansas	81.9	5.1	81.5	4.8	86.8	6.2	72.8	6.0
California	NA	5.4	66.8	5.2	61.7	9.4	64.0	4.8
Colorado	99.5	NA	NA	NA	94.3	2.9	96.8	1.6
Connecticut	67.7	49.0	NA	44.9	76.8	50.7	67.8	50.7
Delaware	NA	12.8	82.8	NA	98.4	16.8	78.8	10.5
District of Columbia	NA	—	21.6	—	22.9	—	23.0	—
Florida	NA	NA	40.6	1.5	59.4	3.9	33.9	NA
Georgia	100.0	6.3	100.0	5.4	21.7	20.3	100.0	4.7
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	85.8	2.0	77.7	NA	87.2	2.2	78.1	1.8
Illinois	42.8	9.2	38.6	NA	41.6	9.7	36.4	5.0
Indiana	79.5	8.3	75.2	6.3	77.6	7.5	68.8	8.4
Iowa	NA	6.1	77.3	5.4	83.2	6.7	71.4	5.3
Kansas	59.5	4.4	59.3	7.6	64.6	10.1	44.6	4.8
Kentucky	75.0	16.7	77.0	15.3	82.9	19.0	71.2	15.6
Louisiana	NA	15.0	70.0	10.0	82.4	8.0	99.1	14.2
Maine	68.2	9.0	NA	25.4	100.0	8.8	51.1	7.7
Maryland	100.0	NA	100.0	7.7	33.2	8.7	100.0	6.7
Massachusetts	59.2	NA	54.2	18.9	64.6	27.3	39.3	NA
Michigan	63.6	10.8	64.4	NA	63.3	11.7	46.0	6.5
Minnesota	92.3	39.8	NA	31.0	98.7	42.3	83.4	47.0
Mississippi	NA	25.3	NA	25.9	95.7	29.1	93.2	22.3
Missouri	80.7	12.8	78.0	15.0	82.7	15.1	67.9	8.7
Montana	72.4	NA	73.9	NA	75.3	2.2	85.8	NA
Nebraska	62.9	16.4	59.4	12.6	64.4	18.7	64.1	11.5
Nevada	72.7	18.8	82.0	39.8	69.5	24.8	56.5	12.6
New Hampshire	NA	NA	77.9	25.2	85.9	11.6	40.4	4.9
New Jersey	52.1	21.9	46.5	19.5	59.8	22.9	43.3	14.5
New Mexico	67.4	8.1	65.3	12.1	67.8	17.0	60.2	9.1
New York	100.0	NA	100.0	10.4	44.8	11.1	100.0	7.6
North Carolina	92.2	33.9	90.0	36.7	95.1	32.7	87.2	30.7
North Dakota	92.9	41.1	NA	11.9	89.5	8.7	89.5	39.9
Ohio	100.0	2.9	100.0	2.1	42.7	6.9	100.0	1.3
Oklahoma	71.6	2.8	NA	3.2	71.8	3.5	54.5	0.4
Oregon	98.3	15.2	95.1	14.8	99.2	21.7	98.2	19.2
Pennsylvania	100.0	6.9	100.0	5.4	64.2	10.5	100.0	5.3
Rhode Island	NA	18.2	52.4	63.2	60.5	29.0	69.2	18.6
South Carolina	96.7	80.6	98.1	83.5	98.0	82.1	96.1	80.1
South Dakota	82.4	26.1	NA	43.4	84.4	42.3	72.4	49.0
Tennessee	88.8	27.7	87.3	22.2	94.1	36.6	74.4	35.2
Texas	88.7	46.4	81.3	41.2	83.9	28.7	91.5	51.0
Utah	85.5	13.7	83.3	13.6	84.6	10.2	77.1	13.9
Vermont	100.0	79.8	100.0	75.3	100.0	75.0	100.0	69.8
Virginia	NA	NA	60.1	14.1	67.5	18.3	44.5	9.9
Washington	NA	NA	86.8	26.8	93.3	34.1	83.7	17.5
West Virginia	NA	NA	54.4	7.1	71.7	7.8	NA	NA
Wisconsin	77.1	18.3	72.2	18.5	76.4	19.1	66.2	11.4
Wyoming	50.2	1.8	82.5	1.7	88.4	2.7	53.7	1.5
Total	77.8	22.1	76.7	20.1	66.1	19.4	72.7	22.7

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2001-2003 — Continued

State	2003							
	August		July		June		May	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	77.2	12.8	75.9	16.0	75.0	14.3	70.0	13.9
Alaska	71.3	70.2	70.3	75.7	67.5	76.7	58.5	76.1
Arizona	91.1	36.0	90.3	35.0	91.7	33.1	91.6	33.5
Arkansas	^R 73.5	^R 5.3	73.6	4.5	72.0	3.8	75.9	4.0
California	70.9	5.3	59.5	4.4	66.9	5.1	67.3	5.6
Colorado	96.8	1.8	99.9	1.1	99.8	0.5	99.4	0.5
Connecticut	76.0	44.3	70.4	45.4	67.1	47.7	64.8	48.9
Delaware	77.5	9.5	76.3	13.6	80.4	11.1	83.6	18.2
District of Columbia	18.7	—	18.8	—	26.9	—	29.0	—
Florida	NA	1.6	32.2	NA	32.8	2.0	34.4	1.9
Georgia	100.0	4.5	100.0	6.4	100.0	7.2	100.0	7.4
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	78.4	2.2	80.2	2.0	82.5	1.6	85.4	1.7
Illinois	34.3	8.2	33.5	5.3	34.4	6.3	31.9	7.3
Indiana	73.8	5.2	65.3	5.6	68.4	5.3	72.4	6.3
Iowa	68.8	4.4	71.6	4.5	72.7	5.0	71.7	4.3
Kansas	^R 47.2	^R 9.9	44.2	6.5	54.1	3.6	54.6	5.3
Kentucky	69.4	13.8	71.0	14.3	72.6	17.6	70.8	16.6
Louisiana	99.0	13.6	99.1	12.5	98.9	15.8	99.0	16.0
Maine	54.8	8.7	47.0	6.6	61.0	7.9	50.2	10.3
Maryland	100.0	NA	100.0	NA	100.0	6.2	100.0	6.7
Massachusetts	^R 37.7	NA	60.0	13.5	30.9	29.6	62.8	23.7
Michigan	49.1	3.9	45.4	6.2	50.2	5.8	59.7	8.7
Minnesota	91.5	37.4	78.8	34.2	90.5	39.1	81.3	39.0
Mississippi	92.7	25.5	93.6	27.2	93.8	27.1	93.7	22.6
Missouri	63.2	7.3	73.7	10.5	69.9	10.6	74.6	10.2
Montana	59.5	NA	59.6	1.0	58.3	3.6	64.0	1.8
Nebraska	53.7	10.1	63.9	9.0	55.0	24.9	54.6	17.1
Nevada	69.3	12.1	65.3	13.8	68.6	13.4	70.0	15.0
New Hampshire	61.4	7.5	60.0	8.0	44.4	10.7	73.8	8.3
New Jersey	37.6	18.8	26.6	16.7	42.2	18.9	26.3	20.9
New Mexico	61.5	15.4	61.8	11.4	59.3	8.7	58.5	9.3
New York	100.0	NA	100.0	9.3	100.0	12.8	100.0	12.3
North Carolina	87.5	32.2	89.4	32.6	93.2	30.1	89.5	30.5
North Dakota	88.5	12.8	85.8	28.7	81.5	48.5	88.0	45.9
Ohio	100.0	1.3	100.0	1.3	100.0	1.6	100.0	1.3
Oklahoma	54.6	1.4	54.7	2.3	62.6	3.1	62.4	1.5
Oregon	97.7	15.6	97.8	15.5	97.6	16.1	98.0	16.1
Pennsylvania	100.0	^R 5.1	100.0	5.4	100.0	5.5	100.0	5.8
Rhode Island	NA	18.8	NA	21.4	63.5	11.7	76.0	26.7
South Carolina	96.4	79.1	96.4	80.5	96.7	83.2	96.6	82.5
South Dakota	67.4	^R 23.3	72.4	24.7	76.6	22.4	81.8	23.9
Tennessee	80.0	30.5	80.3	28.9	82.4	24.7	85.5	25.9
Texas	^R 92.3	49.2	78.8	55.4	88.6	41.0	88.1	43.1
Utah	71.6	12.7	72.6	11.9	78.7	13.2	80.9	14.1
Vermont	100.0	67.2	100.0	74.5	100.0	71.9	100.0	79.2
Virginia	44.5	15.9	45.9	10.5	56.3	6.9	55.6	10.0
Washington	NA	NA	^R 82.7	NA	83.8	13.6	85.9	18.5
West Virginia	NA	NA	NA	NA	48.0	14.8	NA	13.6
Wisconsin	65.2	10.9	65.4	9.9	70.1	10.8	73.0	14.2
Wyoming	48.9	1.4	44.2	1.5	52.9	1.5	53.0	1.5
Total	^R72.6	^R23.1	^R70.8	25.4	72.8	19.9	73.6	20.4

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2001-2003 — Continued

State	2003							
	April		March		February		January	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	73.4	14.6	80.6	16.8	83.5	15.2	80.3	NA
Alaska	56.8	87.4	53.5	89.6	52.9	99.1	57.9	98.6
Arizona	90.6	34.1	91.2	33.8	91.3	35.7	93.1	34.3
Arkansas	79.9	4.6	85.5	5.8	86.4	6.0	86.7	5.4
California	64.7	6.5	64.4	5.5	NA	8.0	NA	3.7
Colorado	99.7	0.7	99.8	0.2	99.9	—	99.9	NA
Connecticut	66.8	51.0	66.9	52.8	65.6	47.4	69.3	51.1
Delaware	86.4	20.4	90.0	13.8	91.2	13.8	NA	9.9
District of Columbia	29.3	—	42.8	—	38.7	—	NA	—
Florida	34.8	2.2	37.4	2.4	40.2	NA	43.5	NA
Georgia	100.0	7.4	100.0	7.0	100.0	6.5	100.0	5.2
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	85.8	1.8	88.3	2.1	87.6	2.5	87.9	2.2
Illinois	41.2	8.4	47.4	11.9	46.5	12.3	45.5	12.4
Indiana	75.2	6.5	81.5	8.0	81.9	12.0	85.1	13.0
Iowa	76.1	5.6	79.8	7.7	NA	7.4	81.1	8.6
Kansas	59.3	3.6	65.8	2.0	63.3	2.1	60.3	1.3
Kentucky	60.0	18.4	71.3	17.5	81.4	17.3	80.6	17.8
Louisiana	98.1	15.9	NA	15.3	NA	17.7	97.6	13.9
Maine	71.7	9.0	74.7	9.8	^R 77.7	10.4	^R 73.8	9.4
Maryland	100.0	8.6	100.0	10.8	100.0	12.6	100.0	9.3
Massachusetts	54.1	^R 43.8	63.2	^R 46.0	68.7	^R 59.1	73.6	^R 33.7
Michigan	65.5	11.7	66.3	14.8	68.2	14.3	68.0	15.1
Minnesota	87.5	36.1	99.1	38.7	95.6	42.2	94.7	43.2
Mississippi	94.5	24.8	NA	27.1	NA	28.9	95.8	23.1
Missouri	79.8	11.5	85.6	16.2	85.5	18.0	83.0	15.7
Montana	65.3	2.1	75.3	3.3	74.0	2.8	84.3	4.2
Nebraska	58.2	^R 18.8	64.6	24.6	66.5	22.6	67.2	21.5
Nevada	74.1	23.1	75.5	20.6	80.1	29.2	78.4	25.9
New Hampshire	81.9	13.5	85.0	15.5	NA	NA	NA	NA
New Jersey	60.5	28.8	61.5	28.0	59.5	24.9	58.0	22.8
New Mexico	65.4	7.5	70.7	5.5	72.0	4.2	73.0	3.8
New York	100.0	11.4	100.0	11.3	100.0	NA	100.0	13.0
North Carolina	90.9	25.5	95.4	43.0	93.5	40.5	92.9	36.1
North Dakota	65.9	45.4	97.1	38.5	98.2	34.3	97.2	53.2
Ohio	100.0	3.0	100.0	4.1	100.0	5.2	100.0	4.7
Oklahoma	66.2	2.5	76.3	6.4	77.1	4.2	79.1	3.5
Oregon	98.2	13.1	98.5	13.8	98.5	14.2	98.6	13.7
Pennsylvania	100.0	7.4	100.0	8.8	100.0	8.5	100.0	8.6
Rhode Island	71.4	19.6	77.2	21.5	74.2	19.0	71.1	10.8
South Carolina	95.6	80.1	96.8	77.7	97.4	81.2	97.2	81.3
South Dakota	80.5	26.0	85.9	^R 27.3	83.4	^R 24.4	86.6	^R 26.3
Tennessee	88.3	27.4	92.4	30.1	93.5	23.8	91.7	25.3
Texas	86.2	42.6	89.1	41.8	89.7	42.0	90.9	47.8
Utah	87.5	14.9	88.5	13.1	89.5	14.6	89.1	14.6
Vermont	100.0	75.3	100.0	100.0	100.0	100.0	100.0	87.0
Virginia	57.8	19.6	64.5	13.0	NA	NA	71.4	20.7
Washington	88.6	19.5	89.7	25.5	89.7	26.9	89.5	25.4
West Virginia	NA	14.7	NA	NA	73.3	11.9	72.6	14.4
Wisconsin	79.4	17.6	78.9	24.4	79.6	25.7	79.7	25.4
Wyoming	46.5	1.8	51.0	2.2	52.6	2.9	48.4	2.0
Total	76.8	^R21.2	80.2	^R21.3	79.8	^R21.8	82.1	22.4

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2001-2003 — Continued

State	2002							
	Total		December		November		October	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	75.9	16.9	78.1	18.5	69.0	19.1	68.1	16.8
Alaska	63.2	90.5	71.2	99.6	69.5	96.4	66.5	99.4
Arizona	91.6	NA	90.7	33.5	89.9	NA	88.6	38.5
Arkansas	80.9	4.8	82.6	4.7	79.4	4.6	71.4	4.8
California	67.4	5.2	72.1	5.4	67.6	4.8	68.3	5.1
Colorado	NA	NA	99.3	NA	99.5	NA	99.6	NA
Connecticut	NA	^R 45.8	72.9	^R 52.4	74.9	43.2	67.7	48.7
Delaware	82.7	NA	86.7	NA	82.3	NA	70.1	NA
District of Columbia	23.3	—	27.2	—	28.2	—	24.1	—
Florida	39.9	1.5	39.5	1.8	36.4	1.5	36.8	1.4
Georgia	100.0	5.4	100.0	5.5	100.0	5.5	100.0	5.1
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	79.2	NA	86.4	2.2	84.9	1.3	75.8	1.5
Illinois	39.8	NA	45.4	12.0	40.7	10.2	38.2	9.0
Indiana	76.7	7.6	84.4	11.1	77.4	11.3	72.7	11.2
Iowa	80.0	6.7	82.9	9.0	88.8	11.3	89.4	9.2
Kansas	57.7	6.2	58.1	2.4	54.3	2.4	40.2	3.2
Kentucky	77.0	15.6	78.6	16.3	77.3	16.6	72.0	15.9
Louisiana	66.6	11.0	66.5	14.7	51.6	13.2	52.6	12.6
Maine	NA	^R 19.7	NA	^R 13.0	NA	^R 11.1	NA	^R 9.5
Maryland	100.0	NA	100.0	11.9	100.0	NA	100.0	5.3
Massachusetts	^R 54.7	^R 19.7	^R 62.9	^R 28.2	^R 59.5	^R 21.3	^R 41.9	^R 14.5
Michigan	63.6	NA	64.8	17.2	61.5	10.7	53.5	6.5
Minnesota	NA	^R 34.4	93.2	42.2	95.9	37.8	94.1	50.2
Mississippi	NA	25.6	96.9	24.9	NA	26.0	93.3	23.6
Missouri	76.8	14.3	80.1	16.9	74.8	12.3	56.7	8.0
Montana	75.3	NA	81.9	NA	77.1	2.2	76.9	1.2
Nebraska	61.3	13.3	65.7	16.7	69.1	16.1	66.4	13.9
Nevada	78.9	35.9	72.9	30.3	68.8	24.4	65.9	22.4
New Hampshire	^R 80.6	^R 30.3	^R 88.8	^R 36.9	^R 90.0	^R 57.0	^R 72.3	^R 90.5
New Jersey	47.3	20.0	53.5	25.1	52.0	21.3	34.9	17.8
New Mexico	66.6	11.9	71.8	11.9	74.7	10.8	62.4	11.1
New York	100.0	9.9	100.0	10.1	100.0	8.5	100.0	7.0
North Carolina	90.1	37.4	92.7	37.2	88.6	38.3	87.1	43.3
North Dakota	NA	13.4	93.4	19.0	93.4	20.5	90.7	16.8
Ohio	100.0	2.2	100.0	3.8	100.0	2.8	100.0	1.3
Oklahoma	NA	3.0	73.8	3.4	68.3	2.6	51.7	1.2
Oregon	95.9	14.1	98.6	12.5	98.2	12.3	97.8	10.8
Pennsylvania	100.0	6.0	100.0	9.4	100.0	6.7	100.0	6.2
Rhode Island	51.8	67.0	56.5	58.7	48.9	96.8	37.3	63.3
South Carolina	98.3	82.7	98.6	76.5	98.0	78.4	100.0	86.3
South Dakota	NA	52.1	83.9	70.9	79.7	66.7	84.0	63.4
Tennessee	87.0	^R 22.2	90.1	24.1	83.3	20.6	77.6	21.7
Texas	NA	41.4	79.8	43.0	NA	42.0	73.5	41.8
Utah	84.4	13.7	88.6	13.7	87.0	15.1	83.4	12.8
Vermont	100.0	76.5	100.0	86.6	100.0	77.9	100.0	74.5
Virginia	62.2	NA	70.9	25.5	65.7	NA	57.8	NA
Washington	87.2	27.0	89.9	26.5	89.3	31.1	84.4	25.0
West Virginia	58.1	6.8	70.5	5.5	56.3	7.0	86.0	5.6
Wisconsin	72.2	19.7	77.6	26.6	71.7	22.6	62.4	19.0
Wyoming	72.4	1.6	46.8	1.4	49.7	1.2	55.7	1.7
Total	^R 77.1	^R 20.0	^R 79.7	^R 20.7	^R 78.5	19.6	^R 73.1	^R 19.3

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2001-2003 — Continued

State	2002							
	September		August		July		June	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	71.3	15.6	70.5	16.8	70.5	16.2	72.2	15.2
Alaska	58.3	87.3	60.6	78.7	57.4	79.3	70.7	79.4
Arizona	89.0	40.6	88.1	38.4	89.2	39.9	89.6	45.9
Arkansas	73.5	3.6	74.0	3.6	61.2	5.0	74.8	3.7
California	66.6	4.5	61.8	4.6	61.8	4.4	64.2	4.6
Colorado	99.7	NA	99.9	NA	99.7	NA	99.5	NA
Connecticut	73.7	52.8	78.4	44.0	77.1	33.8	73.8	46.2
Delaware	70.2	NA	66.3	6.9	71.2	8.0	74.4	11.1
District of Columbia	17.4	—	18.0	—	17.6	—	19.9	—
Florida	35.2	1.5	35.9	1.4	36.2	1.3	38.2	1.7
Georgia	100.0	5.2	100.0	5.0	100.0	4.9	100.0	5.4
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	78.9	1.3	81.0	NA	79.5	NA	76.2	1.9
Illinois	29.2	6.2	28.0	5.1	28.7	NA	27.3	6.8
Indiana	64.1	5.9	65.3	5.5	62.0	4.7	68.6	5.5
Iowa	51.8	4.8	65.5	4.5	64.3	4.7	67.3	4.7
Kansas	50.5	6.8	48.2	11.1	46.3	13.8	51.1	9.5
Kentucky	68.7	14.4	71.8	16.9	68.9	15.9	71.3	14.5
Louisiana	49.5	12.7	60.5	7.7	60.9	11.0	78.2	13.4
Maine	25.2	100.0	40.6	R10.5	NA	100.0	37.8	R14.6
Maryland	100.0	4.3	100.0	5.8	100.0	4.5	100.0	6.0
Massachusetts	R38.5	R9.2	R46.4	R10.9	R49.2	R16.2	R39.2	R13.7
Michigan	42.7	4.2	43.1	5.2	45.1	NA	54.5	5.6
Minnesota	77.0	32.7	NA	R28.0	82.8	R24.1	86.4	23.6
Mississippi	93.7	23.9	NA	25.4	96.6	23.8	96.0	25.9
Missouri	68.3	9.7	65.8	8.8	67.5	8.3	70.1	8.8
Montana	67.1	0.8	69.7	0.7	66.8	0.9	66.0	1.3
Nebraska	59.2	7.4	63.0	7.0	61.0	6.2	51.2	20.6
Nevada	65.9	20.7	63.1	19.3	63.4	18.6	84.5	41.8
New Hampshire	R47.9	R18.8	85.0	R47.5	R45.2	R13.2	R77.1	R21.6
New Jersey	23.1	17.3	27.1	16.3	29.1	16.7	36.9	17.6
New Mexico	47.4	14.4	59.7	19.5	60.0	17.4	61.4	16.6
New York	100.0	12.2	100.0	9.4	100.0	8.5	100.0	9.9
North Carolina	86.2	44.5	84.6	37.1	86.6	44.4	89.1	43.3
North Dakota	86.8	9.9	NA	7.7	80.6	7.7	81.8	7.3
Ohio	100.0	1.4	100.0	1.2	100.0	0.9	100.0	1.0
Oklahoma	49.7	2.3	51.2	2.5	56.3	1.4	59.0	1.8
Oregon	97.6	10.5	97.5	8.7	97.4	9.8	97.9	10.8
Pennsylvania	100.0	5.9	100.0	4.1	100.0	3.9	100.0	4.5
Rhode Island	45.6	65.6	37.2	67.6	36.3	61.9	48.9	82.2
South Carolina	99.5	86.2	94.3	78.4	99.0	86.6	98.6	82.4
South Dakota	69.8	52.4	73.1	30.9	68.7	32.3	74.0	35.3
Tennessee	75.2	20.5	73.2	19.1	73.2	19.5	79.7	20.0
Texas	73.3	44.6	76.7	44.7	79.0	47.7	79.7	48.3
Utah	76.8	13.6	69.8	13.6	69.4	12.1	73.3	13.4
Vermont	100.0	68.9	100.0	67.3	100.0	68.8	100.0	68.9
Virginia	50.1	13.3	53.3	11.1	52.2	10.8	51.6	R11.0
Washington	80.3	24.2	80.7	20.3	83.1	27.0	90.4	24.0
West Virginia	34.4	8.7	31.7	7.0	26.6	7.9	33.0	6.5
Wisconsin	47.0	13.3	49.3	14.5	51.4	11.1	60.2	13.3
Wyoming	51.8	1.5	60.7	1.5	30.5	1.4	91.7	1.3
Total	R68.9	20.1	R70.7	R19.5	R71.2	R20.9	R72.9	R22.9

See footnotes at end of table.

Table 25. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, by State, 2001-2003 — Continued

State	2002							
	May		April		March		February	
	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial	Commercial	Industrial
Alabama	72.0	14.2	78.1	15.7	81.8	17.7	80.9	17.5
Alaska	47.6	81.3	61.6	99.4	61.5	99.2	58.9	99.2
Arizona	90.3	45.6	92.1	51.3	93.2	NA	94.6	55.2
Arkansas	70.0	4.0	83.0	4.8	86.4	6.2	88.9	5.8
California	64.5	6.4	68.0	4.9	72.1	5.9	69.0	6.3
Colorado	99.6	NA	NA	NA	99.5	^R 0.8	99.2	NA
Connecticut	71.2	48.8	61.2	^R 39.5	85.2	^R 51.2	NA	^R 45.6
Delaware	79.1	15.8	83.8	12.5	86.6	14.8	87.2	14.1
District of Columbia	20.8	—	21.6	—	22.6	—	23.8	—
Florida	39.2	1.4	40.4	1.4	43.7	1.6	44.6	1.8
Georgia	100.0	5.0	100.0	5.5	100.0	6.1	100.0	5.9
Hawaii	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Idaho	79.0	0.9	73.2	2.4	75.6	2.6	78.6	2.8
Illinois	34.6	7.2	37.9	9.8	44.8	10.6	43.1	10.7
Indiana	81.5	4.7	75.9	5.7	78.9	9.0	76.2	7.2
Iowa	77.1	4.3	83.2	5.3	80.7	7.2	82.4	4.6
Kansas	53.6	7.3	62.7	7.3	63.1	3.7	64.0	2.9
Kentucky	71.5	13.7	78.3	15.2	74.3	16.7	81.5	16.1
Louisiana	96.7	10.0	78.7	9.4	72.7	8.6	71.4	9.1
Maine	NA	^R 19.2	^R 60.6	^R 18.5	50.2	^R 51.7	53.3	^R 20.2
Maryland	100.0	5.8	100.0	5.3	100.0	13.0	100.0	11.3
Massachusetts	^R 49.5	^R 16.5	^R 54.8	^R 21.3	^R 66.1	^R 22.6	^R 56.7	^R 26.2
Michigan	58.1	8.0	65.5	11.1	76.1	13.7	68.7	12.9
Minnesota	91.8	41.5	84.2	30.7	^R 90.3	^R 32.1	^R 91.6	^R 29.4
Mississippi	95.8	23.6	95.0	26.7	97.2	27.1	97.4	29.4
Missouri	53.9	9.1	82.2	14.1	85.8	24.4	80.4	24.4
Montana	69.8	2.1	73.2	NA	81.8	3.7	73.6	3.0
Nebraska	50.1	12.7	51.5	15.0	58.7	25.4	57.5	16.6
Nevada	84.5	46.0	86.0	39.6	87.3	60.8	88.7	46.1
New Hampshire	^R 81.8	^R 20.1	^R 81.7	^R 21.5	^R 87.1	^R 32.2	^R 81.3	^R 26.0
New Jersey	29.3	18.0	49.7	20.7	58.5	22.6	55.3	21.4
New Mexico	50.5	14.9	54.0	11.9	63.7	8.8	75.9	4.9
New York	100.0	10.8	100.0	10.1	100.0	10.1	100.0	10.9
North Carolina	87.0	44.5	89.7	39.3	90.6	27.1	91.6	25.1
North Dakota	52.1	10.9	91.9	14.8	NA	18.1	92.8	15.4
Ohio	100.0	1.1	100.0	2.7	100.0	3.1	100.0	3.5
Oklahoma	58.6	2.2	70.9	3.1	77.8	4.6	74.5	5.4
Oregon	98.4	12.3	98.5	18.9	98.9	19.9	98.9	20.4
Pennsylvania	100.0	4.7	100.0	4.8	100.0	5.7	100.0	6.8
Rhode Island	49.4	55.4	55.9	67.9	56.9	62.9	59.8	48.3
South Carolina	100.0	86.4	99.7	83.6	97.0	79.8	97.2	82.7
South Dakota	80.0	42.8	85.3	50.6	89.3	40.9	85.3	50.0
Tennessee	85.1	22.6	91.4	21.2	91.9	28.7	93.7	24.4
Texas	79.7	43.6	78.4	48.9	83.9	30.0	87.9	31.2
Utah	72.9	13.1	78.5	15.8	90.3	12.7	87.1	13.9
Vermont	100.0	74.5	100.0	79.8	100.0	80.2	100.0	79.9
Virginia	58.7	14.2	58.9	14.2	61.8	18.5	66.0	19.8
Washington	92.4	29.5	92.5	32.2	93.5	28.9	93.6	28.1
West Virginia	39.5	6.7	60.8	8.1	63.0	6.2	66.2	6.7
Wisconsin	69.1	16.9	74.9	19.2	78.9	23.6	78.5	21.5
Wyoming	96.1	2.0	92.1	1.6	89.4	1.9	93.4	2.0
Total	^R72.8	^R21.0	^R76.6	^R23.2	^R81.1	17.8	^R80.2	^R18.2

^R Revised Data.

NA Not Available.

— Not Applicable.

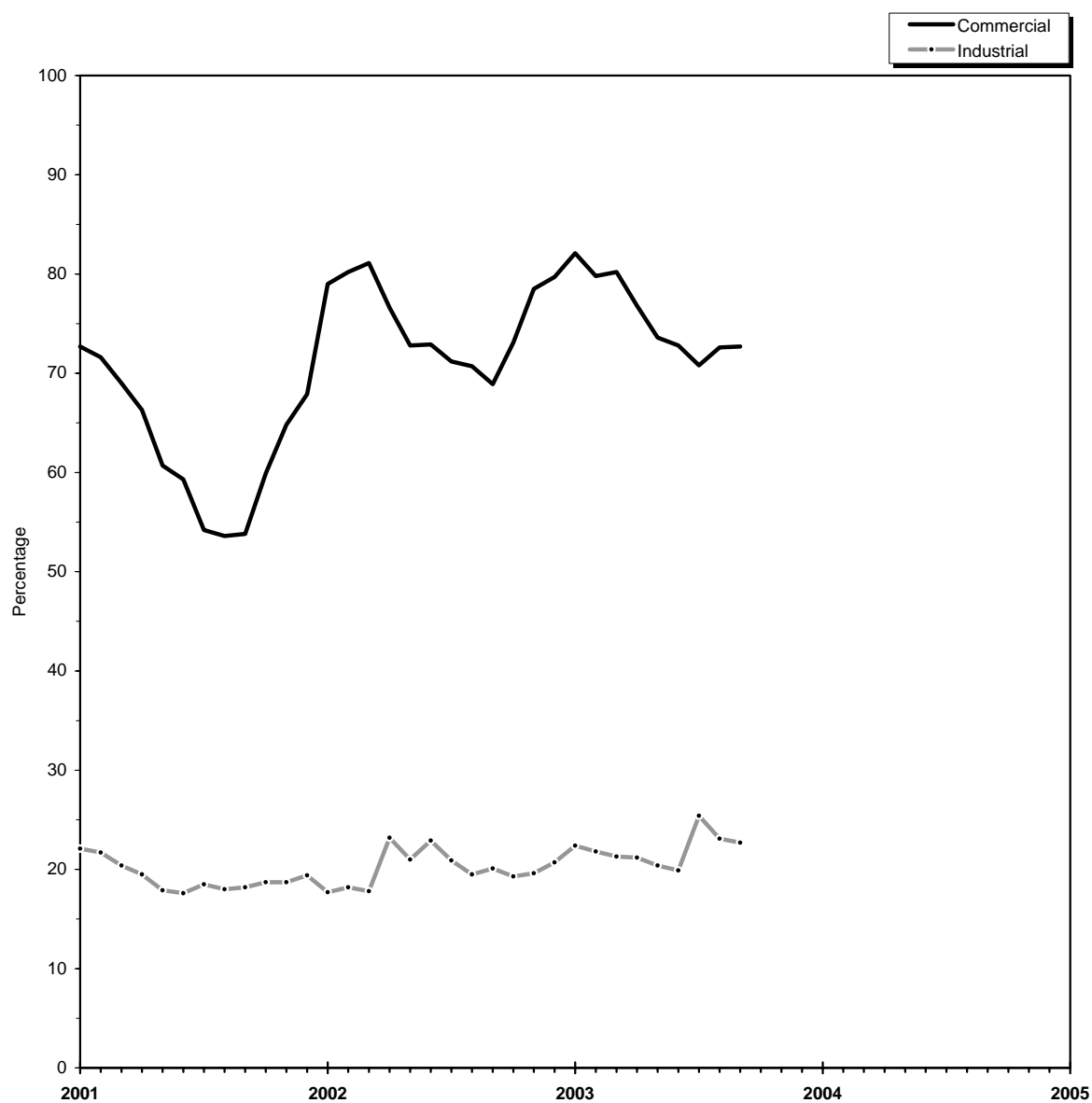
Notes: Volumes of natural gas reported for the commercial and industrial sectors in this publication include data for both sales and deliveries for the account of others. This table shows the percent of the total State volume that represents natural gas sales to the commercial and industrial sectors. This information may be helpful in evaluating

commercial and industrial price data which are based on sales data only except in the States of Georgia, Maryland, New York, Ohio and Pennsylvania. See Appendix C, Statistical Considerations, for a discussion of the computation of natural gas prices.

Source: Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers," and Form EIA-910, "Monthly Natural Gas Marketer Survey."

Figure 6

Figure 6. Percentage of Total Deliveries Included in Commercial and Industrial Price Estimates, 2001-2003



Source: Table 25.

Table 26. Gas Home Customer-Weighted Heating Degree-Days

Census Divisions	Cumulative November 1 through November 30				
	Normal ^a	2002	2003	Percent Change	
				Normal to 2003	2002 to 2003
New England					
CT, ME, MA, NH, RI, VT	702	746	645	-8.1	-13.5
Middle Atlantic					
NJ, NY, PA	664	690	557	-16.1	-19.3
East North Central					
IL, IN, MI, OH, WI	757	787	647	-14.5	-17.8
West North Central					
IA, KS, MN, MO, ND, NE, SD	841	833	803	-4.5	-3.6
South Atlantic					
DE, FL, GA, MD and DC, NC, SC, VA, WV	443	492	341	-23.0	-30.7
East South Central					
AL, KY, MS, TN	455	526	351	-22.9	-33.3
West South Central					
AR, LA, OK, TX	304	332	232	-23.7	-30.1
Mountain					
AZ, CO, ID, MT, NV, NM, UT, WY	739	697	755	2.2	8.3
Pacific ^b					
CA, OR, WA	365	301	400	9.6	32.9
U.S. Average ^b	589	598	527	-10.5	-11.9

^a Normal is based on calculations of data from 1961 through 1990.

^b Excludes Alaska and Hawaii.

Note: See Appendix A, Explanatory

Note 10 for discussion of Heating Degree-Days computations.

Sources: National Oceanic and Atmospheric Administration.

Appendix A

Explanatory Notes

The Energy Information Administration (EIA) publishes monthly data for the supply and disposition of natural gas in the United States in the *Natural Gas Monthly* (NGM). The information in this Appendix is provided to assist users in understanding the monthly data. Table A1 lists the methodologies for deriving the data to be published for the most recent months shown in Tables 1-3. The following explanatory notes describe sources for all NGM tables.

Note 1. Production

Annual Data

Natural gas production data are collected from 32 gas-producing States on the voluntary Form EIA-895 "Monthly Quantity and Value of Natural Gas Report." The form requests data on gross withdrawals, gas vented and flared, repressuring, nonhydrocarbon

Table A1. Methodology for Most Recent Monthly Natural Gas Supply and Disposition Data of Table 1-3

Components	Reporting Methodology
Supply and Disposition	
Marketed Production	Derived from the Short-Term Energy Outlook
Extraction Loss	Derived from Marketed Production
Dry Production	Marketed Production minus Extraction Loss
Withdrawals from Storage	Reported on Form EIA-191
Supplemental Gaseous Fuels	Derived from supply estimates and coal gasification information
Imports	Estimated from National Energy Board of Canada information and liquefied natural gas information
Additions to Storage	Reported on Form EIA-191
Exports	Estimated from industry trends and liquefied natural gas information
Current-Month Consumption	Reported on Form EIA-857, Form EIA-906, and other sources below.
Consumption by Sector	
Lease and Plant Fuel	Derived from Marketed Production
Pipeline Fuel	Derived from Deliveries to Consumers
Residential	Estimated from sample data reported on Form EIA-857
Commercial	Estimated from sample data reported on Form EIA-857
Industrial	Estimated from sample data reported on Form EIA-857
Electric Power	Estimated from sample data reported on Form EIA-906
Vehicle Fuel	Derived from annual estimates provided by the Coal, Nuclear and Renewable Fuels Division of EIA

gases removed, fuel used on leases, marketed production (wet), and extraction loss. The U.S. Minerals Management Service (MMS) also supplies data on the quantity and value of natural gas production from the federal waters of the Gulf of Mexico.

Monthly Data

State marketed production data are derived from State data submissions, State and MMS websites reporting natural gas production, and EIA estimates. State marketed production data for a particular month are estimated if data are unavailable at the time of publication. For most States, the data are estimated based on final monthly data reported on the Form EIA-895 for the previous year. Monthly State estimates for nonhydrocarbon gas removed, gas used for repressuring, and gas vented and flared are based on the ratio of the item to gross withdrawals as reported on the annual EIA-895. These ratios are applied to the monthly estimates for gross withdrawals to calculate figures for nonhydrocarbon gases removed, gas used for repressuring, and gas vented and flared. Current monthly estimates for gross withdrawals are calculated from final monthly data filed on Form EIA-895 for the previous year, if necessary. The Reserves and Production Division of the Office of Oil and Gas, EIA, provides estimates of marketed production for the States of Texas, Louisiana, and Oklahoma.

All monthly data are considered preliminary until after publication of the *Natural Gas Annual* (NGA) for the year in which the report month falls. Volumetric data are converted, as necessary, to a standard 14.73 psia pressure base. Data are revised as Table 7 monthly data are updated. Final monthly data are the sums of monthly data reported on the Form EIA-895 annual schedule.

Note 2. Nonhydrocarbon Gases Removed

Annual Data

Data on nonhydrocarbon gases removed from marketed production—carbon dioxide, helium, hydrogen sulfide, and nitrogen—are reported by State agencies on Form EIA-895. Ten of the 32 producing States reported data on nonhydrocarbon gases removed during 2001. These 10 States accounted for 59 percent of total 2001 gross withdrawals. The State of Missouri has reported zero gross withdrawals since 1997.

Monthly Data

All monthly data are considered preliminary until after publication of the NGA for the year in which the

report month falls. Monthly State estimates of nonhydrocarbon gases removed are prepared by EIA based on annual data reported on Form EIA-895, if necessary. Each State's annual percentage of nonhydrocarbon gases removed to gross withdrawals reported is applied to the States monthly gross withdrawal data to produce an estimate of nonhydrocarbon gases removed.

For States not supplying monthly data on the annual schedule of the EIA-895, final monthly data are calculated by allocating the final annual volume to the months in the same proportion as the preliminary monthly data.

Note 3. Extraction Loss

Annual Data

Extraction loss data are calculated from data reported on Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production". For a fuller discussion, see the NGA.

Monthly Data

Preliminary data are estimated based on extraction loss as an annual percentage of marketed production. This percentage is applied to each month's marketed production to estimate monthly extraction loss.

Monthly data are revised after the publication of the NGA. Final monthly data are estimated by allocating annual extraction loss data to each month based on its total natural gas marketed production.

Note 4. Supplemental Gaseous Fuels

Annual Data

Annual data on supplemental gas fuel supply are reported on Form EIA-176 "Annual Report of Natural and Supplemental Gas Supply and Disposition."

Monthly Data

All monthly data are considered preliminary until after the publication of the NGA for the year in which the report month falls. Monthly estimates are based on the annual ratio of supplemental gaseous fuels to the sum of dry gas production, net imports, and net withdrawals from storage. This ratio is applied to the monthly sum of these three elements to compute a monthly supplemental gaseous fuels figure.

Monthly data are revised after publication of the NGA. Final monthly data are estimated based on the revised annual ratio of supplemental gaseous fuels to

the sum of dry gas production, net imports, and net withdrawals from storage. This revised ratio is applied to the revised monthly sum of these three supply elements to compute final monthly data.

Note 5. Imports and Exports

Annual Data and Final Monthly Data

Annual and final monthly data are supplied by the Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports", which requires monthly data to be reported each quarter for the calendar year.

Monthly Data - Imports

Preliminary monthly import data are based on data from the National Energy Board of Canada and responses to informal industry contacts and EIA estimates. Preliminary data are revised after the publication of the NGA.

Monthly Data - Exports

Preliminary monthly export data are based on historical data from the Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports", informal industry contacts, and information gathered from natural gas industry trade publications. Preliminary monthly data are revised after publication of the NGA.

Note 6. Natural Gas Storage

Note that final monthly and annual storage levels, additions, and withdrawal data shown in Table 2 include both underground and liquefied natural gas (LNG) storage.

Annual Data

Preliminary annual data on additions and withdrawals from underground storage facilities are the sum of the monthly data from the EIA-191. Final annual data are adjusted to data in the EIA-176.

Annual data on LNG additions and withdrawals are from the EIA-176.

Monthly Data

Preliminary and final monthly data on underground storage levels, additions, and withdrawals are from the EIA-191. All operators of underground storage fields complete the survey.

Estimates of monthly LNG additions and withdrawals are calculated by applying the proportion of each

month's net injections to underground storage during the injection season to annual LNG additions and the proportion of each month's net withdrawals from underground storage during the withdrawal season to annual LNG withdrawals.

There are three principal types of underground storage facilities in operation in the United States today: salt caverns (caverns hollowed out in salt "bed" or "dome" formations), depleted fields (depleted reservoirs in oil and/or gas fields), and aquifer reservoirs (water-only reservoirs conditioned to hold natural gas). A storage facility's daily deliverability or withdrawal capability is the amount of gas that can be withdrawn from it in a 24-hour period. Salt cavern storage facilities generally have high deliverability because all of the working gas in a given facility can be withdrawn in a relatively short period of time. (A typical salt cavern cycle is 10 days to deplete working gas, and 20 days to refill working gas.) By contrast, depleted field and aquifer reservoirs are designed and operated to withdraw all working gas over the course of an entire heating season (about 150 days). Further, while both traditional and salt cavern facilities can be switched from withdrawal to injection operations during the heating season, this is usually more quickly and easily done in salt cavern facilities, reflecting their greater operational flexibility.

Note 7. Consumption

Annual Data

All annual data are from the NGA. Total consumption is the sum of the components of consumption listed below. Monthly data are revised after publication of the NGA.

Monthly Data

All monthly data are considered preliminary until after publication of the NGA.

Residential, Commercial, and Industrial Sector Consumption

Preliminary estimates of monthly deliveries of natural gas to residential, commercial, and industrial consumers in 50 States are based on data reported on Form EIA-857 "Monthly Report of Natural Gas Purchases and Deliveries." See Appendix C, "Statistical Considerations," for a detailed explanation of sample selection and estimation procedures. Monthly data for a given year are revised after the publication of the NGA to correct for any sampling error. Final monthly data are estimated by allocating annual consumption data from the Form EIA-176 to each month in proportion to monthly volumes reported in Form EIA-857.

Vehicle Fuel Use

Monthly estimates of natural gas (compressed or liquefied) used as vehicle fuel are derived from an annual estimate of vehicle fuel use provided by the Coal, Nuclear, and Renewable Fuels Division of EIA.

Electric Power Sector Consumption

Monthly estimates of deliveries of natural gas to electric power producers are derived from data submitted by the sample of electric power producers reporting monthly on Form EIA-906, "Power Plant Report." The estimates reported in the *NGM* represent gas delivered to electricity-only plants (utility and nonutility power producers) and combined heat and power (CHP) plants whose primary business is to sell electricity, or electricity and heat, to the public. For a discussion of these estimates, see the *Electric Power Monthly*.

Pipeline Fuel Consumption

Preliminary monthly estimates are based on the pipeline fuel consumption as an annual percentage of total consumption from the previous years Form EIA-176. This percentage is applied to each months total consumption figure to compute the monthly estimate.

Monthly data are revised after the publication of the *NGA*. Final monthly data are based on the revised annual ratio of pipeline fuel consumption to total consumption from the Form EIA-176. This ratio is applied to each months revised total consumption figure to compute final monthly pipeline fuel consumption estimates.

Lease and Plant Fuel Consumption

Preliminary monthly data are estimated based on lease and plant fuel consumption as an annual percentage of marketed production. This percentage is applied to each months marketed production figure to compute estimated lease and plant fuel consumption.

Monthly data are revised after publication of the *NGA*. Final monthly plant fuel data are based on a revised annual ratio of plant fuel consumption to marketed production from Form EIA-176. This ratio is applied to each months revised marketed production figure to compute final monthly plant fuel consumption estimates. Final monthly lease data are collected on the Form EIA-895 and estimates from the Form EIA-176. See the *NGA* for a complete discussion of this process.

Note 8. Balancing Item

The balancing item category represents the difference between the sum of the components of natural gas supply and the sum of the components of natural gas disposition. These differences may be due to data reporting problems or to issues in survey coverage. Preliminary monthly data in the balancing item category are calculated by subtracting dry gas production, withdrawals from storage, supplemental gaseous fuels, and imports from total disposition. The balancing item may reflect problems in any of the surveys comprising natural gas supply or disposition.

Reporting problems include differences due to the net result of conversions of flow data metered at varying temperatures and pressure bases and converted to a standard temperature and pressure base; the effect of variations in company accounting and billing practices; differences between billing cycles and calendar periods; and imbalances resulting from the merger of data reporting systems, which vary in scope, format, definitions, and type of respondents. Survey coverage problems include incomplete survey frames or problems in sampling design.

Annual data are from the *NGA*. For an explanation of the methodology used in calculating the annual balancing item, see the *NGA*.

Note 9. Average Price of Deliveries to Consumers

For most States, price data are representative of prices for gas sold and delivered to residential, commercial, and industrial consumers by local distribution companies. In the States of Georgia, Maryland, New York, Ohio, and Pennsylvania, the residential and commercial sector prices reported in the *NGM* include data on prices of gas sold to customers in those sectors by energy marketers. These latter data are collected on Form EIA-910, "Monthly Natural Gas Marketer Survey." Except for these States, none of the prices reflect average prices of natural gas transported to consumers for the account of third parties or Aspot-market@ prices. Table 25 indicates the percentage of total deliveries included in commercial and industrial price estimates.

Prices of natural gas delivered to electric utilities are derived from data reported on Form FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants" as reported in the *Electric Power Monthly*. Data on the price of natural gas delivered to other electric power producers are not available.

Note 10. Average Wellhead Price

Annual Data

Form EIA-895 requests State agencies to report the quantity and value of marketed production. When complete data are unavailable, the form instructs the State agency to report the available aggregate value and the quantity of marketed production associated with this value. A number of States reported volumes of production and associated values for other than marketed production. In addition, information for several States that were unable to provide data was obtained from Form EIA-176. It should be noted that Form EIA-176 reports a fraction of State production. The imputed average value of marketed production in each State is calculated by dividing the States reported aggregate value by its associated production. This unit price is then applied to the quantity of the States marketed production to derive the imputed aggregate value of marketed production.

Monthly Data

Preliminary values for the monthly U.S. natural gas wellhead price are estimated from the New York Mercantile Exchange (NYMEX) futures final settlement price for near-month delivery at the Henry Hub, and reported cash market prices at 5 major trading hubs: Henry Hub, LA; Carthage, TX; Katy, TX; Waha, TX; and Blanco, NM. The NYMEX price is publicly available and is reported in numerous trade publications, including NGI's Daily Gas Price Index (published by Intelligence Press, Inc.). The cash market prices are published in another trade publication, Natural Gas Week (Energy Intelligence Group, Inc.), and they reflect the spot delivered-to-pipeline, volume-weighted average prices for natural gas bought and sold at the specified trading hubs.

Prices include processing, gathering, and transportation fees to the hubs. The estimated wellhead prices are derived with a statistical procedure based on analysis of monthly time series data for the period 1995 through 2000. The preliminary estimates are replaced when annual survey data become available, usually about 10 months after the end of the report year.

Final monthly data are provided through the Form EIA-895, which requests State agencies to report monthly values of marketed production. Details of the monthly collection match those described in the preceding section on annual data. Preliminary monthly gas price data are replaced by these final monthly data.

Note 11. Heating Degree-Days

Degree-days are relative measurements of outdoor air temperature. Heating degree-days are deviations of the mean daily temperature below 65 degrees Fahrenheit. A weather station recording a mean daily temperature of 40 degrees Fahrenheit would report 25 heating degree-days. There are several degree-day databases maintained by the National Oceanic and Atmospheric Administration. The information published in the NGM, is developed by the National Weather Service Climate Analysis Center, Camp Springs, Maryland.

The data are available weekly with monthly summaries and are based on mean daily temperatures recorded at about 200 major weather stations around the Country. The temperature information recorded at these weather stations is used to calculate Statewide degree-day averages weighted by gas home customers. The State figures are then aggregated into Census Divisions and into the national average.

Appendix B

Data Sources

The data in this publication are taken from survey reports collected by the Energy Information Administration (EIA), the Federal Energy Regulatory Commission (FERC), and the Office of Fossil Energy of the U.S. Department of Energy (DOE). The EIA is the independent statistical and analytical agency within the DOE. The FERC is an independent regulatory commission within the DOE that has jurisdiction primarily in the regulation of electric utilities and the interstate natural gas industry. The Office of Fossil Energy has the authority under Section 3 of the Natural Gas Act of 1938 to grant authorizations for the import and export of natural gas.

Data are collected from annual, quarterly, and monthly surveys. The primary annual report is the Form EIA-176 "Annual Report of Natural and Supplemental Gas Supply and Disposition," a mandatory survey of all companies that deliver natural gas to consumers or that transport gas across State lines. The Office of Fossil Energy provides quarterly files of monthly data on imports and exports. The monthly reports include surveys of the natural gas industry, surveys of the electric power industry, and a voluntary survey completed by energy or conservation agencies in the gas-producing States. The monthly natural gas industry surveys are the Form EIA-191 filed by companies that operate underground storage facilities, the voluntary Form EIA-895 filed by the gas-producing States and the U.S. Minerals Management Service, the Form EIA-857, filed by a sample of companies that deliver natural gas to consumers, and the Form EIA-910, filed by natural gas marketers in select States. The electric power industry surveys are the Form EIA-906 filed by a sample of electric power generators and the Form FERC-423 filed (for price data) by fossil-fueled electric utilities. Responses to the monthly surveys are mandatory, except for Form EIA-895. A description of the survey respondents, reporting requirements, and processing of the data is given on the following pages for each of the surveys. Copies of the forms and instructions are available on the EIA website.

Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"

The Form EIA-176 is mailed to all identified interstate and intrastate natural gas pipeline companies; investor and municipally owned natural gas distributors; underground natural gas storage operators; synthetic natural gas plant operators; and field, well, or processing plant operators that deliver natural gas directly to consumers (including their own industrial facilities); and/or companies that transport gas across a State border through field or gathering facilities. Each company is required to file if it meets the survey specifications. The mailing in 2002 for report year 2001 totaled approximately 2000 questionnaire packages. While final nonresponse rates vary, the rates have averaged about 1 percent in recent years.

The EIA-176 is a multi-line, multi-page schedule for reporting all supplies of natural gas and supplemental gaseous fuels and their disposition within the State indicated. Respondents file completed forms with EIA in Washington, DC. Data for the report year are due by March 1st. Extensions of the filing deadline for up to 30 days are granted to any respondent upon request.

All natural gas and supplemental gaseous fuels volumes are reported on a physical custody basis in thousand cubic feet (Mcf), and dollar values are reported to the nearest whole dollar. All volumes are reported at 14.73 pounds per square inch absolute pressure (psia) and 60 degrees Fahrenheit.

Data from Form EIA-176 are also published in the *Natural Gas Annual*. Data reported on this form are no longer considered proprietary. Response to the form continues to be mandatory.

Form EIA-895, "Monthly and Annual Quantity and Value of Natural Gas Report"

Data collection on the Form EIA-895, "Monthly and Annual Quantity and Value of Natural Gas Report," began in January 1995. This form was designed to replace the Interstate Oil and Gas Compact Commission (IOGCC) voluntary form, "Monthly Report of Natural Gas Production." All gas-producing States and the U.S. Minerals Management Service are requested to report on the Form EIA-895; a voluntary report. In 1996, an annual schedule was added to the voluntary Form EIA-895 to replace a prior annual production form. The form was designed to provide a standard reporting system, to the extent possible, for the natural gas data reported by the States. Data are not considered proprietary.

Form EIA-895 is mailed to energy or conservation agencies in all 32 natural gas producing States. All producing States participate voluntarily in the EIA-895 survey by filing the completed form or by responding to telephone contacts. Reports on company production are due 20 days after the end of the report month to the States. (In most cases, the data are not available to the States until after this time period.) Therefore, States are requested to send the report within 80 days after the end of the report month. Monthly data are obtained from about half of the reporting States and MMS on this schedule. EIA prepares estimates for the remaining States based on annual data submissions from the States until monthly State data are provided. The annual schedule of the Form EIA-895 is due with the December data report. Of the 32 natural gas producing states, all participated in the annual EIA-895 survey by filing the completed form or by responding to telephone calls.

The Form EIA-895 is a three-page form collecting monthly and annual data on elements of the production of natural gas beginning with gross withdrawals from gas and oil wells. Starting in 2003, the Form EIA-895 also collects information about production of coalbed methane. The commercial recovery of methane from coalbeds contributes a significant amount to the production totals in a number of States. Coalbed methane seams production quantities (in million cubic feet) are included in gross withdrawals totals for the following States: Alabama (113,527), Colorado (386,349), New Mexico (532,081), and Wyoming (253,305) for 2001.

Data are also collected on volumes returned to formation for repressuring, pressure maintenance,

and cycling; quantities vented and flared; quantities of nonhydrocarbon gases removed; quantities of fuel used on lease; and marketed production as well as the monthly volume and value of marketed production. The annual schedule collects data on the number of producing gas wells, the production of natural gas including gross withdrawals from both gas and oil wells; volumes returned to formation for repressuring, pressure maintenance, and cycling; quantities vented and flared; quantities of nonhydrocarbon gases removed; quantities of fuel used on lease; marketed production; the value of marketed production; and quantity of marketed production (value based). Respondents are asked to report all volumes in thousand cubic feet at the States standard pressure base and at 60 degrees Fahrenheit. All dollar values are reported in thousands.

Data on the quantities of nonhydrocarbon gases removed from marketed production in 2001, including carbon dioxide, helium, hydrogen sulfide and nitrogen, were reported by the appropriate agencies of 10 of the 32 producing States. These 10 States accounted for 59 percent of total 2001 gross withdrawals. The State of Missouri has reported zero gross withdrawals since 1997.

State marketed production data are derived from State data submissions, State and MMS websites reporting natural gas production, and EIA estimates. State marketed production data for a particular month are estimated if data are unavailable at the time of publication. For most States, the data are estimated based on final monthly data reported on the Form EIA-895 for the previous year. Monthly State estimates for nonhydrocarbon gas removed, gas used for repressuring, and gas vented and flared are based on the ratio of the item to gross withdrawals as reported on the annual EIA-895. These ratios are applied to the months estimates for gross withdrawals to calculate figures for nonhydrocarbon gases removed, gas used for repressuring, and gas vented and flared. Current monthly estimates for gross withdrawals are calculated from final monthly data filed on Form EIA-895 for the previous year, if necessary. The Reserves and Production Division of the Office of Oil and Gas, EIA, provides estimates of marketed production for the States of Texas, Louisiana, and Oklahoma.

Data from Form EIA-895 are also published in the *EIA Natural Gas Annual*.

Form EIA-191, "Underground Natural Gas Storage Report"

The Form EIA-191, "Monthly Underground Natural Gas Storage Report," is completed by approximately 122 companies that operate underground facilities. The final monthly and annual response rates are 100 percent. The EIA-191 monthly schedule contains current month data on the total quantities of gas in storage, injections and withdrawals, the location (including State and county, field, reservoir) and peak day withdrawals during the reporting period. The annual schedule contains type of facility, storage field capacity, maximum deliverability and pipelines to which each field is connected. The annual schedule for the prior year is filed with the January submission.

Collection of the survey is on a custody basis. Information requested must be provided within 20 days after the last day of each month. Twelve reports are required per calendar year. Respondents are required to indicate whether the data reported are actual or estimated. For most of the estimated filings, the actual data or necessary revisions are submitted on separate forms for each month. Actual data on natural gas injections and withdrawals from underground storage are based on metered quantities. Data on quantities of gas in storage and on storage capacity represent, in part, reservoir engineering evaluations. All volumes are reported at 14.73 psia and 60 degrees Fahrenheit.

The EIA publications, *Monthly Energy Review* and *Winter Fuels Report*, contain data from the EIA-191 survey.

"Quarterly Natural Gas Import and Export Sales and Price Report"

Beginning in 1995, import and export data have been taken from the "Quarterly Natural Gas Import and Export Sales and Price Report." This report is prepared by the Office of Fossil Energy, U.S. Department of Energy, based on information submitted by all firms having authorization to import or export natural gas. The Office of Fossil Energy provides authorizations for import or export to applicants under Section 3 of the Natural Gas Act of 1938.

All companies are required, as a condition of their authorizations to file quarterly reports with the Office of Fossil Energy. The data are reported at a monthly level of detail.

Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"

Monthly price and volume data on gas deliveries are collected on the Form EIA-857 from a sample of respondents representing the 50 States and the District of Columbia. Response to Form EIA-857 is mandatory and data are considered proprietary. Completed forms are required to be submitted to EIA on or before the 30th day after the end of the report month.

A sample of approximately 400 natural gas companies, including interstate pipelines, intrastate pipelines, and local distribution companies report to the survey. The sample was selected independently for each of the 50 States and the District of Columbia from a frame consisting of all respondents to Form EIA-176 who reported deliveries of natural gas to consumers in the residential, commercial, or industrial sectors. Each selected company is required to complete and file the Form EIA-857 monthly. Each month about half the responses are received by the due date although response rates by first publication of the relevant month are approximately 87 percent. When a response is extremely late, and the company represents less than 25 percent of the natural gas volumes delivered by all sampled companies in the State, values are imputed as described in Appendix C. When the company's submission is eventually received, the submitted data are used for future processing and revisions. Final response rates are approximately 95 percent.

Form EIA-857 data are used to estimate monthly sales of natural gas (volume and price) by State and monthly deliveries of natural gas on behalf of others (volume) by State to three consumer sectors - residential, commercial, and industrial. (Monthly deliveries of natural gas to electric power generators are reported on the Form EIA-906 "Power Plant Report," and monthly prices for electric utilities are obtained from FERC-423, "Monthly Report of Cost and Quality of Fuels for Electric Plants.") See Appendix C for a discussion of the sample design and estimation procedures. Data from Form EIA-857 are also used to calculate the city gate price and the average heat content of all gas consumed.

Form EIA-910, “Monthly Natural Gas Marketer Survey”

The Form EIA-910, “Monthly Natural Gas Marketer Survey” collects information on natural gas sales from marketers in selected States (Georgia, Maryland, New York, Ohio and Pennsylvania) that have active customer choice programs. These States were selected based on the percentage of natural gas sold by marketers in the residential and commercial end-use sectors. The survey collects monthly price and volume data on natural gas sold by all marketers in the selected States. A natural gas marketer is a company that competes with other companies to sell natural gas service, but relies on regulated local distribution companies to deliver the gas. The data

collected on the Form EIA-910 is integrated with residential and commercial price data from the Form EIA-857 for the States of Georgia, Maryland, New York, Ohio, and Pennsylvania. Response to the EIA-910 is mandatory and data are considered proprietary.

Approximately 150 natural gas marketers report to the survey. Final monthly survey response rates are approximately 98 percent. Responses are filed with EIA in Washington, DC on or before the 30th day after the end of the report month.

All natural gas volumes are reported in thousand cubic feet at 14.73 psia at 60 degrees Fahrenheit and dollar values are reported as whole dollar.

Appendix C

Statistical Considerations

The monthly sales (volume and price) and monthly deliveries (volume) of natural gas to residential, commercial and industrial consumers presented in this report by State are estimated from data reported on the Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers." Monthly prices in select states (currently Georgia, Maryland, New York and Ohio) are supplemented with data from the Form EIA-910 "Monthly Natural Gas Marketer Survey". (See Appendix B for a description of these Forms.) Form EIA-857 is a sample survey. These estimations must be made from the reported data since the. A description of the sample design and the estimation procedures is given below.

Sample Design

The Form EIA-857 is a monthly sample survey of companies delivering natural gas to consumers. It includes inter- and intrastate pipeline companies, and producers, as well as local distribution companies. The survey provides data that are used each month to estimate the volume of natural gas delivered and the price for onsystem sales of natural gas by State to three consumer sectors—residential, commercial, and industrial. Monthly deliveries and prices of natural gas to the electric power sector are reported on the Form EIA-906, "Power Plant Report, and the Form FERC-423, "Monthly Report of Costs and Quality of Fuels for Electric Plants."

Sample Universe. The sample currently in use was selected from a universe of 1,556 companies. These companies were respondents to the Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition," for reporting year 2001 who reported sales or deliveries to consumers in the residential, commercial or industrial sectors. (See Appendix B for a description of the Form EIA-176.)

Sampling Plan. The goal was a sample that would provide estimates of monthly natural gas consumption by the three consuming sectors within each State and the District of Columbia. A stratified sample using a single stage and systematic selection with probability proportional to size was designed.

The measure of size was the volume of natural gas physically delivered in the State to the three consuming sectors by the company in 2001. There were two strata—companies selected with certainty and companies selected under the systematic probability proportional to size design.

Initial calculations showed that a 25 percent sample of companies would yield reasonably accurate estimates. The sample was selected independently in each State, resulting in a national total of 405 respondent companies.

Certainty Stratum. Since estimates were needed for each of the 50 States and the District of Columbia, the strata were established independently within each State. In 16 States and the District of Columbia where sampling was not feasible due to small numbers of companies and/or small volumes of gas deliveries, all companies were selected. The 16 States were: Alaska, Connecticut, Delaware, Hawaii, Idaho, Maine, North Dakota, New Hampshire, New Jersey, Nevada, Oregon, Rhode Island, South Dakota, Utah, Vermont, and Washington.

For each of the remaining States, the total volumes of industrial sales and deliveries and of the combined residential/commercial sales and deliveries were determined. Companies with natural gas deliveries to the industrial sector or to the combined residential/commercial sector above a certain level were selected with certainty. Since a few large companies often account for most of the natural gas delivered within a State, this ensures those companies' inclusion in the sample. The formula for determining certainty was applied independently in the two consumer sectors—the industrial and the combined residential/commercial. These selected companies, together with the companies in the jurisdictions discussed where sampling was not feasible, formed the certainty stratum.

All companies with natural gas deliveries in sector j greater than the cut-off value (C_j) were included in the certainty stratum. The formula for C_j was:

$$C_j = \frac{X_j}{2n} \quad (1)$$

where:

$C_{.j}$ = cutoff value for consumer sector j,

n = target sample size to be selected for the State, 25 percent of the companies in the State,

X_{ij} = the annual volume of natural gas deliveries by company i to customers in consumer sector j,

$X_{i.}$ = the sum within State of annual gas volumes for company i,

$X_{.j}$ = the sum within State of annual gas volumes in consumer sector j,

$X_{..}$ = the sum within State of annual gas volumes in all consumer sectors.

Noncertainty Stratum. All other companies formed the noncertainty stratum. They were systematically sampled with probability proportional to size. The measure of size for each company was the total volume of gas sales to all consumer sectors ($X_{i.}$). The number of companies to be selected from the noncertainty stratum was calculated for each State, with a minimum of 2.

The formula for selecting the number of noncertainty stratum companies was:

$$m = n \frac{X_2}{X_{..}}$$

where: (2)

m = the sample size for the noncertainty stratum within a State,

X_2 = the sum within State of the $X_{i.}$ for all companies in the noncertainty stratum.

Companies were listed in ascending order according to their measure of size and then a cumulative measure of size in the stratum was calculated for each company. The cumulative measure of size was the sum of the measures of size for that company and all preceding companies on the list. An interval of width I for selecting the companies systematically was calculated using.

A uniform random number R was selected between zero and 1. The first sampled company was

the first company on the list to have a cumulative measure of size greater than R. The second company selected was the first company on the list to have a cumulative measure of size greater than $R + I$. $R + I$

was increased again by I to determine the third company to be selected. This procedure was repeated until the entire sample was drawn.

Subgroups. In four States, the noncertainty stratum was divided into subgroups to ensure that gas in each consumer sector could be estimated. The systematic sample with probability proportional to size design described above was applied independently in each subgroup. The methods for determining the subgroup sample size and calculating the subgroup interval for sample selection were the same as the methods described above for the noncertainty stratum, except that X_2 was the sum within State of the $X_{i.}$ for only those companies in the subgroup.

These subgroups were defined only for the purpose of sample selection. They are:

Kansas, Louisiana, Texas: companies delivering gas only to industrial consumers and those delivering to any other sector.

South Carolina: companies delivering more than 3 Bcf to consumers and those below that level.

Estimation Procedures

Estimates of Volumes. A ratio estimator is applied to the volumes reported in each State by the sampled companies to estimate the total gas sales and deliveries for the State. Ratio estimators are calculated for each consumer sector — residential, commercial, and industrial — in each State where companies are sampled. The following annual data are taken from the most recent submissions of Form EIA-176:

The formula for calculating the ratio estimator (E_{vj}) for the volume of gas in consumer sector j is:

$$E_{vj} = \frac{\gamma_{.j}}{\gamma'_{.j}} \quad (3)$$

where:

γ_j = the sum within State of annual gas volumes in consumer sector j for all companies,

γ'_j = the sum within State of annual gas volumes in consumer sector j for those companies in the sample.

The ratio estimator is applied as follows:

$$V_{vj} = y_{.j} \times E_{vj} \quad (4)$$

where:

V_j = the State estimate of monthly gas volumes in consumer sector j ,

y_j = the sum within State of reported monthly gas volumes in consumer sector j .

Computation of Natural Gas Prices. The natural gas volumes that are included in the computation of prices represent only those volumes associated with natural gas sales by natural gas companies except as explained below.

The price of natural gas for a State within a sector is calculated as follows:

$$P_j = \frac{R_j}{V_j} \quad (5)$$

where:

P_j = the average price for gas sales within the State in consumer sector j ,

R_j = the reported revenue from natural gas sales within the State in consumer sector j ,

V_j = the reported volume of natural gas sales within the State in consumer sector j .

All average prices are weighted by their corresponding sales volume estimates when national average prices are computed.

The monthly average prices of natural gas to residential and commercial consumers in Georgia, Maryland, New York, Ohio and Pennsylvania are monthly average prices of natural gas are based on total sales (sales by local distribution companies and natural gas marketers). Volumes of gas delivered for the account of others to these consumer sectors are not included in the State or national average prices except in these states.

The price of natural gas in the residential and commercial sectors in Georgia, Maryland, New York, Ohio and Pennsylvania is calculated as follows:

$$P_c = \left[\left(\frac{R_s}{V_s} \right) * \left(\frac{V_s}{V_s + V_t} \right) \right] + \left[\left(\frac{Rm_s}{Vm_s} \right) * \left(\frac{V_t}{V_s + V_t} \right) \right] \quad (6)$$

P_c = the combined average price for gas sales by local distribution companies and marketers within the State in sector s (residential or commercial)

R_s = the reported revenue from natural gas sales by local distribution companies within the State in s (residential or commercial)

V_s = the reported volume of natural gas sales by local distribution companies within the State in s (residential or commercial)

V_t = the reported volume of natural gas transported by local distribution companies for marketers within the State in s (residential or commercial)

Rm_s = the reported revenue from natural gas sales by marketers within the State in s (residential or commercial)

Vm_s = the reported volume of natural gas sales by a marketer within the State in s (residential or commercial)

Table 25 shows the percent of the total State volume that represents volumes from natural gas sales to the commercial and industrial sectors. This table may be helpful in evaluating commercial and industrial price data. All natural gas prices to the residential sector represent onsystem sales volumes only except in Georgia, Maryland, New York, Ohio and Pennsylvania.

See the section on consumer price calculations in this Appendix for further price information.

Estimation for Nonrespondents. A volume for each consumer category is imputed for companies that fail to respond. The imputation is based on the previous month's value reported by the non-responding company and the change from the previous month to the current month in volumes reported by other companies in the State. The imputed volumes are included in the State totals. To estimate prices for non-respondents, the unit price (dollars per thousand cubic feet) reported by the company in the previous month is used.

The formula for imputing volumes of gas volumes for nonrespondents was:

$$F_t = F_{t-1} \times \frac{y_{jt}}{y_{jt-1}} \quad (7)$$

where:

F_t = imputed gas volume for current month t ,

F_{t-1} = gas volume for the company for the previous month,

y_{jt} = gas volume reported by companies in the State stratum for report month t ,

y_{jt-1} = gas volume in the previous month for companies in the State stratum that reported in month t .

Final Revisions

Adjusting Monthly Data to Annual Data. After the annual data reported on the Form EIA-176 have been submitted, edited, and prepared for publication in the *Natural Gas Annual*, revisions are made to monthly data. The revisions are made to the volumes and prices of natural gas delivered to consumers that have appeared in the *Natural Gas Monthly (NGM)* to match them to the annual values appearing in the *Natural Gas Annual*. The revised monthly estimates allocate the difference between the sum of monthly estimates and the annual reports according to the distribution of the estimated values across the months.

Before the final revisions are made, changes or additions to submitted data received after publication of the monthly estimate and not sufficiently large to require a revision to be published in the *NGM*, are used to derive an updated estimate of monthly consumption and revenues for each State's residential, commercial, or industrial natural gas consumption.

For each State, two numbers are revised, the estimated consumption and the estimated price per thousand cubic feet.

The formula for revising the estimated consumption is:

$$V_{jm}^* = V_{jm} + \left[(V_{ja} - V'_{jm}) \left(\frac{V_{jm}}{V'_{jm}} \right) \right] \quad (8)$$

where:

V_{jm}^* = the final volume estimate for month m in consumer sector j,

V_{jm} = the estimated volume for month m in consumer sector j,

V_{ja} = the volume for the year reported on Form EIA-176,

V'_{jm} = the annual sum of estimated monthly volumes

The price is calculated as described above in the Estimation Procedures section, using the final revised consumption estimate and a revised revenue estimate.

The formula for revising the estimated revenue is:

$$R_{jm}^* = R_{jm} + \left[(R_{ja} - R'_{jm}) \left(\frac{R_{jm}}{R'_{jm}} \right) \right] \quad (9)$$

where:

R_{jm}^* = the final revenue estimate for

month m in consumer sector j,

R_{jm} = the estimated revenue for month m in consumer sector j,

R_{ja} = the revenue for the year reported on Form EIA-176,

R'_{jm} = The annual sum of estimated monthly revenues.

Revision of Volumes and Prices for Deliveries to Electric Power Sector. Revisions to monthly deliveries to the electric power sector are published throughout the year as they become available.

Reliability of Monthly Data

The monthly data published in this report are subject to two sources of error - nonsampling error and sampling error. Nonsampling errors occur in the collection and processing of the data. See the discussion of the Form EIA-857 in Appendix B for a description of nonsampling errors for monthly data.

Sampling error may be defined as the difference between the results obtained from a sample and the results that a complete enumeration would provide. The standard error statistic is a measurement of sampling error.

Standard Errors. A standard error of an estimate is a statistical measure that indicates how the estimate from the sample compares to the result from a complete enumeration. Standard errors are calculated based on statistical theory that refers to all possible samples of the same size and design.

The standard errors for monthly natural gas volume estimates by State are given in Table C1. Ninety-five percent of the time, the volume that would have been obtained from a complete enumeration will lie in the range between the estimated volume minus two standard errors and the estimated volume plus two standard errors.

The standard error of the natural gas volume estimate is the square root of the variance of the estimate. The formula for calculating the variance of the volume estimate is:

$$V(\hat{\gamma}) = \sum_{h=1}^H \left[N_h^2 \frac{\left(1 - \frac{n_h}{N_h} \right)}{n_h(n_h - 1)} \left(\sum_{i=1}^{n_h} (y_i - Tx_j)^2 \right) \right] \quad (10)$$

where:
re:

H = the total number of strata

N_h = the total number of companies in stratum h

n_h = the sample size in stratum h

y_i = the reported monthly volume for company i

x_i = the reported annual volume for company i

T = the ratio of the sum of the reported monthly volumes for sample companies to the sum of the reported annual volumes for the sample companies.

Table C-1. Standard Error for Natural Gas Deliveries and Price to Consumers by State, September 2003

State	Volume Million Cubic Feet				Price Dollars per Thousand Cubic Feet		
	Residential	Commercial	Industrial	Total	Residential	Commercial	Industrial
Alabama	541	216	978	1,138	NA	0.28	NA
Alaska	0	0	0	0	—	—	—
Arizona	0	0	0	0	—	—	—
Arkansas	1	11	20	23	0.02	0.02	0.06
California	310	84	10,765	10,769	0.08	0.08	NA
Colorado	0	0	0	0	—	—	—
Connecticut	0	0	0	0	—	—	—
Delaware	0	0	0	0	—	—	—
District of Columbia	0	0	0	0	—	—	—
Florida	83	359	NA	1,447	NA	NA	NA
Georgia	166	261	1,422	1,455	NA	NA	NA
Hawaii	0	0	0	0	—	—	—
Idaho	0	0	0	0	—	—	—
Illinois	187	111	52	223	0.15	0.26	0.16
Indiana	360	405	291	616	NA	NA	NA
Iowa	21	4	56	60	0.08	0.02	0.26
Kansas	149	70	287	331	NA	NA	NA
Kentucky	143	131	413	456	NA	NA	NA
Louisiana	83	32	8,828	8,828	0.67	0.13	0.02
Maine	0	0	0	0	—	—	—
Maryland	4	26	79	83	0.03	0.15	1.81
Massachusetts	0	0	NA	0	—	—	—
Michigan	0	0	0	0	—	—	—
Minnesota	120	107	332	369	0.15	0.08	0.18
Mississippi	0	0	0	0	—	—	—
Missouri	51	36	243	251	0.10	0.03	0.66
Montana	2	5	0	5	—	0.05	NA
Nebraska	0	0	0	0	—	—	—
Nevada	0	0	0	0	—	—	—
New Hampshire	0	0	0	0	—	—	—
New Jersey	0	0	0	0	—	—	—
New Mexico	36	207	512	554	NA	NA	NA
New York	121	340	1,390	1,437	0.50	0.08	0.03
North Carolina	0	0	0	0	—	—	—
North Dakota	0	0	0	0	—	—	—
Ohio	36	1,085	7,287	7,368	0.20	NA	NA
Oklahoma	16	25	1,091	1,092	0.38	0.87	4.21
Oregon	0	0	0	0	—	—	—
Pennsylvania	82	168	566	596	0.13	0.10	2.30
Rhode Island	0	0	0	0	—	—	—
South Carolina	14	28	166	169	0.46	0.14	0.09
South Dakota	0	0	0	0	—	—	—
Tennessee	94	153	871	889	0.28	0.12	NA
Texas	862	11,091	32,445	34,299	0.61	NA	0.11
Utah	0	0	0	0	—	—	—
Vermont	0	0	0	0	—	—	—
Virginia	15	410	266	489	0.09	0.07	0.13
Washington	0	0	0	0	—	—	—
West Virginia	NA	NA	NA	NA	NA	NA	NA
Wisconsin	207	562	434	739	0.96	0.17	0.02
Wyoming	35	85	70	116	NA	NA	0.73
Total	1,215	11,197	36,191	75,806	0.16	0.80	1.23

NA Not Available.
— Not Applicable.

Source: Energy Information Administration, Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers."

Appendix D

Technical Contacts

Section	Tables		Principal Data Sources	Technical Contact
Summary Statistics: Natural Gas Production	1,2,3	Monthly: Annual:	EIA-895, "Monthly Quantity and Value of Natural Gas Report"	Sharon Belcher (202) 586-6119
Extraction Loss	1	Monthly: Annual:	EIA computations Form EIA-816, "Monthly Natural Gas Liquids Report" and Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production"	Javed Zaidi (202) 586-8695
Supplemental Gaseous Fuels	2	Monthly: Annual:	EIA computations Form EIA-176, "Annual Report of Natural and Supplemental Gas Supply and Disposition"	Javed Zaidi (202) 586-8695
Imports and Exports	2	Monthly: Annual:	EIA computations Office of Fossil Energy, U.S. Department of Energy, "Natural Gas Imports and Exports"	Donna Guerrina (202) 586-6135
Price: City Gate, Residential, Commercial, and Industrial	4	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" Form EIA-910, "Monthly Natural Gas Marketer Survey"	Roy Kass (202) 586-4790
Wellhead	4	Monthly: Annual:	EIA computations Form EIA-895, "Monthly Quantity and Value of Natural Gas Report"	William Trapmann (202) 586-6408
Electric Utility	4	Monthly:	Form FERC-423, "Cost and Quality of Fuels for Electric Power Plants"	Roy Kass (202) 586-4790
Summary of Natural Gas Imports and Exports	5,6	Monthly:	Office of Fossil Energy, U.S. Department Of Energy, "Natural Gas Imports and Exports"	Donna Guerrina (202) 586-6135
Producer Related Activities: Natural Gas Production	7,8	Monthly:	EIA-895, "Monthly Quantity and Value of Natural Gas Report"	Sharon Belcher (202) 586-6119
Underground Storage:	9,10,11, 12,13,14	Monthly:	Form EIA-191, "Monthly Underground Gas Storage Report"	Carol Jones (202) 586-6168
Distribution and Consumption: Deliveries to: Residential, Commercial, Industrial, Electric Power, All Consumers	15 16 17 18 19	Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" Form EIA-906, "Power Plant Report"	Roy Kass (202) 586-4790
Average Price to: City Gate, Residential, Commercial, Industrial, Electric Utility Onsystem Sales	20 21 22 23 24 25	Monthly: Monthly:	Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers" Form FERC-423, "Cost and Quality of Fuels for Electric Power Plants" Form EIA-910, "Monthly Natural Gas Marketer Survey" Form EIA-857, "Monthly Report of Natural Gas Purchases and Deliveries to Consumers"	Roy Kass (202) 586-4790 Roy Kass (202) 586-4790
Heating Degree Days	26	Seasonal:	National Oceanic and Atmospheric Administration	Patricia Wells (202) 586-6077
Highlights				Sheila Darnell (202) 586-6165

Glossary

Aquifer Storage Field: A sub-surface facility for storing natural gas, consisting of water-bearing sands topped by an impermeable cap rock.

Balancing Item: Represents the difference between the sum of the components of natural gas supply and the sum of the components of natural gas disposition. These differences may be due to data reporting or survey coverage problems. Reporting problems include differences due to the net result of conversions of flow data metered at varying temperature and pressure bases and converted to a standard temperature and pressure base; the effect of variations in company accounting and billing practices; differences between billing cycle and calendar period time frames; and imbalances resulting from the merger of data reporting systems which vary in scope, format, definitions, and type of respondents. Survey problems include incomplete survey frames, problems in sampling design, or response problems.

Base (Cushion) Gas: The volume of gas needed as a permanent inventory to maintain adequate underground storage reservoir pressures and deliverability rates throughout the withdrawal season. All native gas is included in the base gas volume.

British Thermal Unit (Btu): The heat required to raise the temperature of one pound of water by one degree Fahrenheit at or near 39.2 degrees Fahrenheit.

City-gate: A point or measuring station at which a gas distribution company receives gas from a pipeline company or transmission system.

Commercial Consumption: Gas used by nonmanufacturing establishments or agencies primarily engaged in the sale of goods or services such as hotels, restaurants, wholesale and retail stores and other service enterprises; and gas used by local, State and Federal agencies engaged in nonmanufacturing activities.

Depleted Storage Field: A sub-surface natural geological reservoir, usually a depleted oil or gas field, used for storing natural gas.

Dry Natural Gas Production: Marketed production less extraction loss.

Electric Power Sector: An energy-consuming sector that consists of electricity-only and combined heat and power (CHP) plants whose primary business is to sell electricity, or electricity and heat, to the public – i.e., North American Industry Classification System 22 plants. Combined heat and power plants that identify themselves as primarily in the commercial or industrial sectors are reported in those sectors.

Electric Power Consumption: Gas used as fuel in the electric power sector.

Electric Utility: A corporation, person, agency, authority, or other legal entity or instrumentality aligned with distribution facilities for delivery of electric energy for use primarily by the public. Included are investor-owned electric utilities, municipal and State utilities, Federal electric utilities, and rural electric cooperatives. A few entities that are tariff based and corporately aligned with companies that own distribution facilities are also included. Note: Due to the issuance of FERC Order 888 that required traditional electric utilities to functionally unbundle their generation, transmission, and distribution operations, “electric utility” currently has inconsistent interpretations from State to State.

Exports: Natural gas deliveries out of the continental United States and Alaska to foreign countries.

Extraction Loss: The reduction in volume of natural gas resulting from the removal of natural gas liquid constituents at natural gas processing plants.

Flared: The volume of gas burned in flares on the base site or at gas processing plants.

Gas Condensate Well: A gas well that produces from a gas reservoir containing considerable quantities of liquid hydrocarbons in the pentane and heavier range generally described as “condensate.”

Gas Well: A well completed for the production of natural gas from one or more gas zones or reservoirs.

Gross Withdrawals: Full well stream volume, including all natural gas plant liquid and

nonhydrocarbon gases, but excluding lease condensate. Also includes amounts delivered as royalty payments or consumed in field operations.

Heating Value: The average number of British thermal units per cubic foot of natural gas as determined from tests of fuel samples.

Imports: Natural gas received in the Continental United States (including Alaska) from a foreign country.

Industrial Consumption: Natural gas used for heat, power, or chemical feedstock by manufacturing establishments or those engaged in mining or other mineral extraction as well as consumers in agriculture, forestry, fisheries and construction. .

Intransit Deliveries: Redeliveries to a foreign country of foreign gas received for transportation across U.S. territory and deliveries of U.S. gas to a foreign country for transportation across its territory and redelivery to the United States.

Intransit Receipts: Receipts of foreign gas for transportation across U.S. territory and redelivery to a foreign country and redeliveries to the United States of U.S. gas transported across foreign territory.

Lease and Plant Fuel: Natural gas used in well, field, lease operations and as fuel in natural gas processing plants.

Liquefied Natural Gas (LNG): Natural gas that has been liquefied by reducing its temperature to minus 260 degrees Fahrenheit at atmospheric pressure.

Marketed Production: Gross withdrawals less gas used for repressuring, quantities vented and flared, and nonhydrocarbon gases removed in treating or processing operations. Includes all quantities of gas used in field and processing operations. See Explanatory Note 1 for discussion of coverage of data concerning nonhydrocarbon gases removed.

Native Gas: Gas in place at the time that a reservoir was converted to use as an underground storage reservoir as in contrast to injected gas volumes.

Natural Gas: A mixture of hydrocarbon compounds and small quantities of various nonhydrocarbons existing in the gaseous phase or solution with oil in natural underground reservoirs at reservoir conditions.

Nonhydrocarbon Gases: Typical nonhydrocarbon gases that may be present in reservoir natural gas are carbon dioxide, helium, hydrogen sulfide, and nitrogen.

Oil Well (Casinghead) Gas: Associated and dissolved gas produced along with crude oil from oil completions.

Onsystem Sales: Sales to customers where the delivery point is a point on, or directly interconnected with, a transportation, storage, and/or distribution system operated by the reporting company.

Pipeline Fuel: Gas consumed in the operation of pipelines, primarily in compressors.

Repressuring: The injection of gas into oil or gas formations to effect greater ultimate recovery.

Residential Consumption: Gas used in private dwellings, including apartments, for heating, cooking, water heating, and other household uses.

Salt Cavern Storage Field: A storage facility that is a cavern hollowed out in either a salt bed or "dome" formation.

Storage Additions: The volume of gas injected or otherwise added to underground natural gas or liquefied natural gas storage during the applicable reporting period.

Storage Withdrawals: Total volume of gas withdrawn from underground storage or liquefied natural gas storage during the applicable reporting period.

Supplemental Gaseous Fuels Supplies: Synthetic natural gas, propane-air, refinery gas, biomass gas, air injected for stabilization of heating content, and manufactured gas commingled and distributed with natural gas.

Synthetic Natural Gas (SNG): A manufactured product chemically similar in most respects to natural gas, that results from the conversion or reforming of petroleum hydrocarbons and may easily be substituted for or interchanged with pipeline quality natural gas.

Underground Gas Storage Reservoir Capacity: Interstate company reservoir capacities are those certificated by FERC. Independent producer and

intrastate company reservoir capacities are reported as developed capacity.

Vehicle Fuel Consumption: Natural gas (compressed or liquefied) used as vehicle fuel.

Vented Gas: Gas released into the air on the base site or at processing plants.

Wellhead Price: Represents the wellhead sales price, including charges for natural gas plant liquids subsequently removed from the gas, gathering and compression charges, and State production, severance, and/or similar charges.

Working (Top Storage) Gas: The volume of gas in an underground storage reservoir above the designed level of the base. It may or may not be completely withdrawn during any particular withdrawal season. Conditions permitting, the total working capacity could be used more than once during any season.